

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028241.D
 Acq On : 21 Apr 2022 15:13
 Operator : JC/MD
 Sample : VX0421MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:13:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	331949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	531670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196926	45.498	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.000%		
35) Dibromofluoromethane	5.391	113	176673	47.384	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.760%		
50) Toluene-d8	8.653	98	651983	45.527	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.060%		
62) 4-Bromofluorobenzene	11.079	95	239516	43.742	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48841	22.793	ug/l	99
3) Chloromethane	1.294	50	52731	23.112	ug/l	100
4) Vinyl Chloride	1.373	62	63452	18.961	ug/l	99
5) Bromomethane	1.605	94	52193	11.145	ug/l	98
6) Chloroethane	1.684	64	43358	15.893	ug/l	95
7) Trichlorofluoromethane	1.886	101	120377	16.313	ug/l	99
8) Diethyl Ether	2.136	74	42128	16.940	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	58680	21.830	ug/l	97
10) Methyl Iodide	2.453	142	68216	21.848	ug/l	95
11) Tert butyl alcohol	2.952	59	79806	89.920	ug/l	96
12) 1,1-Dichloroethene	2.318	96	55427	21.727	ug/l	93
13) Acrolein	2.233	56	48254	90.968	ug/l	98
14) Allyl chloride	2.666	41	76030	17.761	ug/l	93
15) Acrylonitrile	3.062	53	161078	91.323	ug/l	99
16) Acetone	2.373	43	139247	104.520	ug/l	94
17) Carbon Disulfide	2.514	76	117692	17.131	ug/l	100
18) Methyl Acetate	2.702	43	70131	18.224	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	198849	18.692	ug/l	97
20) Methylene Chloride	2.788	84	64922	20.216	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	62809	18.104	ug/l	96
22) Diisopropyl ether	3.763	45	169198	17.354	ug/l #	85
23) Vinyl Acetate	3.721	43	740802	86.970	ug/l	99
24) 1,1-Dichloroethane	3.611	63	106526	18.504	ug/l	97
25) 2-Butanone	4.556	43	217328	84.783	ug/l	97
26) 2,2-Dichloropropane	4.483	77	92308	16.422	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	76593	18.515	ug/l	92
28) Bromochloromethane	4.903	49	44267	17.922	ug/l	86
29) Tetrahydrofuran	5.001	42	140444	84.028	ug/l	99
30) Chloroform	5.098	83	120894	17.486	ug/l	94
31) Cyclohexane	5.476	56	91547	17.361	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	110031	17.575	ug/l	98
36) 1,1-Dichloropropene	5.696	75	86719	17.830	ug/l	98
37) Ethyl Acetate	4.714	43	85995	17.426	ug/l	100
38) Carbon Tetrachloride	5.678	117	94484	17.209	ug/l	99
39) Methylcyclohexane	7.385	83	106341	17.329	ug/l	96
40) Benzene	6.043	78	256735	18.033	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028241.D
 Acq On : 21 Apr 2022 15:13
 Operator : JC/MD
 Sample : VX0421MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:13:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42256	16.596	ug/l	95
42) 1,2-Dichloroethane	6.092	62	92044	17.417	ug/l	100
43) Isopropyl Acetate	6.342	43	132835	16.539	ug/l	98
44) Trichloroethene	7.129	130	78394	18.989	ug/l	99
45) 1,2-Dichloropropane	7.433	63	61104	17.535	ug/l	99
46) Dibromomethane	7.586	93	49466	18.095	ug/l	97
47) Bromodichloromethane	7.824	83	88293	16.805	ug/l	98
48) Methyl methacrylate	7.696	41	62488	16.946	ug/l	93
49) 1,4-Dioxane	7.659	88	34484	349.571	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	438738	85.125	ug/l	96
52) Toluene	8.720	92	171926	17.382	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	87802	15.724	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	98882	16.491	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	72953	18.153	ug/l	98
56) Ethyl methacrylate	9.116	69	100529	17.257	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	115652	17.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	228367	83.553	ug/l	92
59) 2-Hexanone	9.433	43	338207	84.712	ug/l	96
60) Dibromochloromethane	9.524	129	70108	16.003	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77410	17.558	ug/l	98
64) Tetrachloroethene	9.274	164	73461	19.219	ug/l	94
65) Chlorobenzene	10.079	112	194148	18.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71643	18.434	ug/l	98
67) Ethyl Benzene	10.195	91	335644	19.185	ug/l	99
68) m/p-Xylenes	10.305	106	271262	38.097	ug/l	95
69) o-Xylene	10.640	106	133373	18.788	ug/l	96
70) Styrene	10.658	104	216868	18.857	ug/l	99
71) Bromoform	10.799	173	50608	16.677	ug/l #	99
73) Isopropylbenzene	10.963	105	346301	19.345	ug/l	98
74) N-amyl acetate	10.847	43	110712	17.893	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	109191	18.797	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	96590m	18.844	ug/l	
77) Bromobenzene	11.201	156	87358	18.738	ug/l	93
78) n-propylbenzene	11.305	91	384691	19.380	ug/l	96
79) 2-Chlorotoluene	11.366	91	233909	18.954	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	292932	19.278	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24931	14.454	ug/l #	81
82) 4-Chlorotoluene	11.457	91	267730	18.833	ug/l	95
83) tert-Butylbenzene	11.719	119	297439	19.169	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	295675	19.575	ug/l	99
85) sec-Butylbenzene	11.890	105	364151	19.453	ug/l	98
86) p-Isopropyltoluene	12.012	119	317377	19.652	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	167636	19.136	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	171696	18.667	ug/l	99
89) n-Butylbenzene	12.335	91	252879	19.070	ug/l	97
90) Hexachloroethane	12.542	117	45418	16.877	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	168468	19.359	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22834	17.675	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	102838	19.869	ug/l	99
94) Hexachlorobutadiene	13.725	225	43821	18.973	ug/l	93
95) Naphthalene	13.780	128	351637	20.394	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100641	19.809	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028241.D
Acq On : 21 Apr 2022 15:13
Operator : JC/MD
Sample : VX0421MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0421MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:13:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

