

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037723.D
 Acq On : 14 Sep 2023 12:28
 Operator : JC/MD
 Sample : VX0914MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Semsettin Yesilyurt 09/15/2023

Quant Time: Sep 14 16:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	204529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152552	46.100	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.200%		
35) Dibromofluoromethane	5.385	113	127399	52.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.280%		
50) Toluene-d8	8.647	98	460077	49.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	168470	50.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40265	17.956	ug/l	95
3) Chloromethane	1.300	50	46467	18.190	ug/l	96
4) Vinyl Chloride	1.373	62	48518	16.883	ug/l	100
5) Bromomethane	1.599	94	39377	16.382	ug/l	100
6) Chloroethane	1.684	64	34685	17.554	ug/l	99
7) Trichlorofluoromethane	1.886	101	82796	17.414	ug/l	100
8) Diethyl Ether	2.136	74	32425	17.184	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	41300	19.378	ug/l	98
10) Methyl Iodide	2.453	142	52560	20.882	ug/l	92
11) Tert butyl alcohol	2.959	59	63551	85.641	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	39603	18.820	ug/l	88
13) Acrolein	2.239	56	59408	109.879	ug/l	99
14) Allyl chloride	2.666	41	66568	18.058	ug/l	96
15) Acrylonitrile	3.062	53	137127	90.359	ug/l	98
16) Acetone	2.379	43	129230	96.597	ug/l	90
17) Carbon Disulfide	2.514	76	84537	15.803	ug/l	98
18) Methyl Acetate	2.703	43	101920	18.040	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	152613	18.371	ug/l	98
20) Methylene Chloride	2.788	84	51207	19.006	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	44575	18.412	ug/l	88
22) Diisopropyl ether	3.757	45	147311	18.343	ug/l	94
23) Vinyl Acetate	3.721	43	535490	91.417	ug/l	97
24) 1,1-Dichloroethane	3.611	63	85392	18.247	ug/l	100
25) 2-Butanone	4.556	43	193552	88.729	ug/l	91
26) 2,2-Dichloropropane	4.477	77	67136	20.623	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	55545	18.815	ug/l	90
28) Bromochloromethane	4.903	49	41928	17.734	ug/l	83
29) Tetrahydrofuran	5.007	42	120523	86.761	ug/l	90
30) Chloroform	5.092	83	91926	18.189	ug/l	99
31) Cyclohexane	5.470	56	66825	17.537	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	78915	18.761	ug/l	97
36) 1,1-Dichloropropene	5.690	75	61183	18.408	ug/l	97
37) Ethyl Acetate	4.714	43	72978	19.189	ug/l	97
38) Carbon Tetrachloride	5.678	117	65206	19.203	ug/l	97
39) Methylcyclohexane	7.378	83	75444	19.182	ug/l	93
40) Benzene	6.037	78	194809	19.333	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037723.D
 Acq On : 14 Sep 2023 12:28
 Operator : JC/MD
 Sample : VX0914MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/14/2023
 Supervised By :Semsettin Yesilyurt 09/15/2023

Quant Time: Sep 14 16:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37566	18.753	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	72413	18.387	ug/l	98
43) Isopropyl Acetate	6.342	43	114930	18.942	ug/l	96
44) Trichloroethene	7.129	130	50363	20.005	ug/l	99
45) 1,2-Dichloropropane	7.433	63	50985	19.173	ug/l	96
46) Dibromomethane	7.580	93	37416	19.341	ug/l	94
47) Bromodichloromethane	7.824	83	67925	19.449	ug/l	99
48) Methyl methacrylate	7.696	41	54012	18.416	ug/l #	86
49) 1,4-Dioxane	7.659	88	30458	419.153	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	383155	96.172	ug/l	97
52) Toluene	8.720	92	124521	19.220	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	69510	19.632	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	77301	19.896	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	54130	19.842	ug/l	94
56) Ethyl methacrylate	9.116	69	81468	19.518	ug/l	92
57) 1,3-Dichloropropane	9.311	76	88317	19.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	207654	102.603	ug/l	100
59) 2-Hexanone	9.433	43	296808	96.514	ug/l	95
60) Dibromochloromethane	9.518	129	51375	19.172	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57545	19.624	ug/l	100
64) Tetrachloroethene	9.274	164	41588	19.937	ug/l	98
65) Chlorobenzene	10.079	112	135583	19.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49401	20.888	ug/l	98
67) Ethyl Benzene	10.195	91	241427	19.770	ug/l	98
68) m/p-Xylenes	10.299	106	184846	39.697	ug/l	100
69) o-Xylene	10.640	106	93031	20.039	ug/l	99
70) Styrene	10.652	104	152601	20.148	ug/l	96
71) Bromoform	10.799	173	37046	20.018	ug/l #	99
73) Isopropylbenzene	10.963	105	242974	19.363	ug/l	98
74) N-amyl acetate	10.841	43	102709	18.770	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	90549	19.283	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	71081m	19.291	ug/l	
77) Bromobenzene	11.201	156	60191	20.241	ug/l	89
78) n-propylbenzene	11.305	91	279728	19.376	ug/l	100
79) 2-Chlorotoluene	11.366	91	171544	19.303	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206611	19.591	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21836	18.014	ug/l	97
82) 4-Chlorotoluene	11.457	91	192053	18.919	ug/l	97
83) tert-Butylbenzene	11.713	119	205334	19.381	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	210548	19.802	ug/l	99
85) sec-Butylbenzene	11.890	105	258858	19.791	ug/l	100
86) p-Isopropyltoluene	12.012	119	210757	19.664	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111417	19.513	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112791	19.221	ug/l	99
89) n-Butylbenzene	12.335	91	183538	18.907	ug/l	97
90) Hexachloroethane	12.536	117	34106	18.858	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	116523	20.397	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	18033	18.702	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	68937	20.263	ug/l	95
94) Hexachlorobutadiene	13.725	225	31274	22.006	ug/l	97
95) Naphthalene	13.774	128	238491	19.352	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69329	19.861	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
Data File : VX037723.D
Acq On : 14 Sep 2023 12:28
Operator : JC/MD
Sample : VX0914MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023

Quant Time: Sep 14 16:12:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

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

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

