

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034101.D
 Acq On : 09 Feb 2023 13:20
 Operator : JC/MD
 Sample : VX0211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 09 13:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60854	46.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.220%		
35) Dibromofluoromethane	5.379	113	54128	46.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.860%		
50) Toluene-d8	8.647	98	188837	45.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.880%#		
62) 4-Bromofluorobenzene	11.079	95	69655	46.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20387	18.318	ug/l	96
3) Chloromethane	1.294	50	16540	15.749	ug/l	100
4) Vinyl Chloride	1.374	62	17340	15.765	ug/l	98
5) Bromomethane	1.611	94	10676	18.849	ug/l	99
6) Chloroethane	1.691	64	10270	16.885	ug/l	99
7) Trichlorofluoromethane	1.892	101	32087	18.335	ug/l	94
8) Diethyl Ether	2.130	74	10682	17.747	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	20873	17.865	ug/l	90
10) Methyl Iodide	2.453	142	27277	16.479	ug/l	94
11) Tert butyl alcohol	2.953	59	18168	98.252	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	19112	17.050	ug/l	92
13) Acrolein	2.233	56	21888	88.252	ug/l	99
14) Allyl chloride	2.666	41	31337	17.146	ug/l	92
15) Acrylonitrile	3.062	53	51697	87.155	ug/l	99
16) Acetone	2.373	43	47196	84.664	ug/l	96
17) Carbon Disulfide	2.514	76	45562	16.020	ug/l	100
18) Methyl Acetate	2.697	43	31657	18.256	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	65311	18.894	ug/l	98
20) Methylene Chloride	2.788	84	21869	17.148	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	21271	17.422	ug/l	97
22) Diisopropyl ether	3.757	45	64332	17.837	ug/l	91
23) Vinyl Acetate	3.715	43	246148	89.623	ug/l	97
24) 1,1-Dichloroethane	3.605	63	37091	17.841	ug/l	99
25) 2-Butanone	4.550	43	69534	85.663	ug/l	92
26) 2,2-Dichloropropane	4.471	77	28221	18.609	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25161	17.916	ug/l	95
28) Bromochloromethane	4.891	49	17291	18.918	ug/l	85
29) Tetrahydrofuran	5.001	42	44635	86.458	ug/l	94
30) Chloroform	5.086	83	40212	18.559	ug/l	97
31) Cyclohexane	5.464	56	33153	17.249	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	35917	19.249	ug/l	97
36) 1,1-Dichloropropene	5.690	75	29740	18.808	ug/l	98
37) Ethyl Acetate	4.708	43	26439	17.949	ug/l	98
38) Carbon Tetrachloride	5.672	117	32139	19.057	ug/l	99
39) Methylcyclohexane	7.379	83	36133	18.153	ug/l	95
40) Benzene	6.037	78	84827	18.541	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034101.D
 Acq On : 09 Feb 2023 13:20
 Operator : JC/MD
 Sample : VX0211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 09 13:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	15210	18.348	ug/l	95
42) 1,2-Dichloroethane	6.086	62	31070	19.985	ug/l	98
43) Isopropyl Acetate	6.336	43	43556	18.960	ug/l	97
44) Trichloroethene	7.123	130	26081	18.548	ug/l	93
45) 1,2-Dichloropropane	7.427	63	21051	18.636	ug/l	97
46) Dibromomethane	7.580	93	15821	19.549	ug/l	95
47) Bromodichloromethane	7.818	83	29551	19.270	ug/l #	92
48) Methyl methacrylate	7.690	41	22583	19.040	ug/l	94
49) 1,4-Dioxane	7.665	88	9878	432.658	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	135537	94.060	ug/l	97
52) Toluene	8.720	92	54851	18.499	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29111	18.884	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33454	19.074	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23287	19.663	ug/l	94
56) Ethyl methacrylate	9.116	69	31539	19.067	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37215	19.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70055	91.026	ug/l	97
59) 2-Hexanone	9.427	43	100266	95.083	ug/l	98
60) Dibromochloromethane	9.519	129	25917	19.745	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24534	19.265	ug/l	100
64) Tetrachloroethene	9.275	164	25103	18.627	ug/l	96
65) Chlorobenzene	10.079	112	61823	18.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23895	18.970	ug/l	99
67) Ethyl Benzene	10.195	91	105826	18.757	ug/l	98
68) m/p-Xylenes	10.299	106	84392	37.422	ug/l	99
69) o-Xylene	10.640	106	40460	18.681	ug/l	97
70) Styrene	10.653	104	67352	18.881	ug/l	99
71) Bromoform	10.799	173	19978	19.444	ug/l #	99
73) Isopropylbenzene	10.963	105	108249	18.639	ug/l	100
74) N-amyl acetate	10.842	43	34450	18.006	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	31388	17.963	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	26177m	17.544	ug/l	
77) Bromobenzene	11.195	156	29939	18.591	ug/l	95
78) n-propylbenzene	11.305	91	119884	18.670	ug/l	99
79) 2-Chlorotoluene	11.366	91	71327	18.345	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	91770	18.984	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8437	17.414	ug/l	96
82) 4-Chlorotoluene	11.451	91	82352	18.727	ug/l	99
83) tert-Butylbenzene	11.713	119	93217	18.665	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90867	18.815	ug/l	99
85) sec-Butylbenzene	11.890	105	112277	18.790	ug/l	99
86) p-Isopropyltoluene	12.006	119	99839	19.051	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	54216	18.348	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	54270	18.090	ug/l	97
89) n-Butylbenzene	12.335	91	75970	18.489	ug/l	99
90) Hexachloroethane	12.536	117	15234	18.465	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	53304	18.496	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6502	18.923	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	38009	18.666	ug/l	99
94) Hexachlorobutadiene	13.725	225	18867	18.719	ug/l	99
95) Naphthalene	13.774	128	105920	18.933	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38548	18.846	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
Data File : VX034101.D
Acq On : 09 Feb 2023 13:20
Operator : JC/MD
Sample : VX0211MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 09 13:47:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

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

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

