

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032569.D
 Acq On : 04 Nov 2022 12:19
 Operator : JC/MD
 Sample : VX1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 00:34:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	106192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79203	53.678	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.360%			
35) Dibromofluoromethane	5.385	113	64651	54.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.800%			
50) Toluene-d8	8.653	98	217283	52.577	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.160%			
62) 4-Bromofluorobenzene	11.079	95	85437	52.924	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25870	21.122	ug/l	97
3) Chloromethane	1.294	50	21115	20.386	ug/l	94
4) Vinyl Chloride	1.374	62	23432	20.556	ug/l	97
5) Bromomethane	1.617	94	22801	25.029	ug/l	98
6) Chloroethane	1.691	64	17133	22.404	ug/l	98
7) Trichlorofluoromethane	1.892	101	45495	21.063	ug/l	95
8) Diethyl Ether	2.136	74	14558	20.799	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	24062	21.107	ug/l	100
10) Methyl Iodide	2.453	142	28748	23.719	ug/l	99
11) Tert butyl alcohol	2.983	59	20446	95.204	ug/l	98
12) 1,1-Dichloroethene	2.319	96	21770	20.442	ug/l	97
13) Acrolein	2.239	56	22785	106.276	ug/l	100
14) Allyl chloride	2.666	41	35650	21.000	ug/l	98
15) Acrylonitrile	3.068	53	58583	100.513	ug/l	99
16) Acetone	2.386	43	53716	100.164	ug/l	100
17) Carbon Disulfide	2.514	76	48520	19.128	ug/l	98
18) Methyl Acetate	2.703	43	37553	21.534	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	79431	21.221	ug/l	96
20) Methylene Chloride	2.788	84	26127	21.249	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	23271	20.075	ug/l	90
22) Diisopropyl ether	3.757	45	78452	21.365	ug/l #	79
23) Vinyl Acetate	3.721	43	308005	103.822	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45696	21.635	ug/l	100
25) 2-Butanone	4.562	43	80721	97.155	ug/l	100
26) 2,2-Dichloropropane	4.477	77	37035	22.058	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	28579	21.329	ug/l	99
28) Bromochloromethane	4.897	49	16210	21.547	ug/l	97
29) Tetrahydrofuran	5.007	42	51432	97.078	ug/l	99
30) Chloroform	5.092	83	49570	21.389	ug/l	95
31) Cyclohexane	5.477	56	37753	21.102	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	45174	21.721	ug/l	99
36) 1,1-Dichloropropene	5.696	75	34896	21.085	ug/l	100
37) Ethyl Acetate	4.714	43	32688	18.974	ug/l	98
38) Carbon Tetrachloride	5.678	117	39275	21.395	ug/l	97
39) Methylcyclohexane	7.379	83	40938	20.906	ug/l	95
40) Benzene	6.044	78	98843	21.105	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18395	20.960	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41855	21.862	ug/l	99
43) Isopropyl Acetate	6.342	43	54881	20.748	ug/l	99
44) Trichloroethene	7.129	130	27556	20.900	ug/l	98
45) 1,2-Dichloropropane	7.434	63	25609	21.301	ug/l	99
46) Dibromomethane	7.586	93	19697	21.363	ug/l	98
47) Bromodichloromethane	7.824	83	38047	21.772	ug/l	97
48) Methyl methacrylate	7.696	41	27982	20.483	ug/l	99
49) 1,4-Dioxane	7.690	88	10177	390.903	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	171417	102.885	ug/l	99
52) Toluene	8.720	92	64522	21.116	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36863	20.675	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	40782	21.385	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	26914	20.914	ug/l	97
56) Ethyl methacrylate	9.116	69	38795	20.949	ug/l	97
57) 1,3-Dichloropropane	9.311	76	44869	21.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	94852	106.372	ug/l	100
59) 2-Hexanone	9.433	43	125616	101.609	ug/l	100
60) Dibromochloromethane	9.525	129	29562	21.032	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28252	20.720	ug/l	98
64) Tetrachloroethene	9.275	164	23566	21.290	ug/l	96
65) Chlorobenzene	10.079	112	71241	21.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27663	21.697	ug/l	99
67) Ethyl Benzene	10.195	91	129201	21.328	ug/l	99
68) m/p-Xylenes	10.305	106	99254	42.195	ug/l	100
69) o-Xylene	10.646	106	48834	21.352	ug/l	100
70) Styrene	10.659	104	79574	20.935	ug/l	99
71) Bromoform	10.799	173	20586	20.422	ug/l #	99
73) Isopropylbenzene	10.963	105	131385	21.089	ug/l	100
74) N-amyl acetate	10.841	43	48841	20.748	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	41095	20.550	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36565m	20.905	ug/l	
77) Bromobenzene	11.201	156	31589	20.682	ug/l	98
78) n-propylbenzene	11.305	91	150332	20.944	ug/l	100
79) 2-Chlorotoluene	11.366	91	91156	21.206	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	112510	21.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10465	19.038	ug/l	95
82) 4-Chlorotoluene	11.457	91	104203	20.716	ug/l	100
83) tert-Butylbenzene	11.713	119	112535	21.169	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	113110	21.358	ug/l	100
85) sec-Butylbenzene	11.890	105	135322	21.156	ug/l	100
86) p-Isopropyltoluene	12.012	119	116363	21.439	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60668	21.057	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	60793	20.339	ug/l	99
89) n-Butylbenzene	12.335	91	99134	20.995	ug/l	99
90) Hexachloroethane	12.542	117	18292	20.633	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	59285	20.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8673	19.781	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	37510	20.250	ug/l	98
94) Hexachlorobutadiene	13.725	225	16384	21.179	ug/l	97
95) Naphthalene	13.774	128	122518	19.850	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38013	20.188	ug/l	99

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

