

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032672.D
 Acq On : 09 Nov 2022 12:23
 Operator : JC/MD
 Sample : VX1109MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 03:03:18 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	107669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75109	50.205	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.420%			
35) Dibromofluoromethane	5.385	113	60926	50.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.647	98	204920	48.414	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.820%			
62) 4-Bromofluorobenzene	11.079	95	82019	49.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24085	19.395	ug/l	98
3) Chloromethane	1.295	50	20356	19.383	ug/l	97
4) Vinyl Chloride	1.374	62	22568	19.526	ug/l	98
5) Bromomethane	1.618	94	19881	21.524	ug/l	91
6) Chloroethane	1.691	64	19511	25.163	ug/l	99
7) Trichlorofluoromethane	1.892	101	44180	20.174	ug/l	100
8) Diethyl Ether	2.136	74	14119	19.895	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	24245	20.975	ug/l	100
10) Methyl Iodide	2.453	142	24175	19.999	ug/l	99
11) Tert butyl alcohol	2.989	59	18623	85.526	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	21461	19.875	ug/l	94
13) Acrolein	2.239	56	17188	79.070	ug/l	98
14) Allyl chloride	2.666	41	34535	20.064	ug/l	99
15) Acrylonitrile	3.062	53	57380	97.098	ug/l	97
16) Acetone	2.386	43	54200	99.680	ug/l	100
17) Carbon Disulfide	2.514	76	42052	16.351	ug/l	100
18) Methyl Acetate	2.703	43	37252	21.068	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	78760	20.753	ug/l	100
20) Methylene Chloride	2.788	84	25462	20.424	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	23073	19.631	ug/l	97
22) Diisopropyl ether	3.757	45	78298	21.031	ug/l #	87
23) Vinyl Acetate	3.721	43	296797	98.672	ug/l	99
24) 1,1-Dichloroethane	3.611	63	44301	20.687	ug/l	99
25) 2-Butanone	4.562	43	79032	93.817	ug/l	96
26) 2,2-Dichloropropane	4.477	77	36183	21.255	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	28086	20.673	ug/l	99
28) Bromochloromethane	4.904	49	15317	20.080	ug/l	97
29) Tetrahydrofuran	5.013	42	49533	92.211	ug/l	98
30) Chloroform	5.093	83	49544	21.084	ug/l	96
31) Cyclohexane	5.471	56	36285	20.004	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	44094	20.911	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33805	19.943	ug/l	99
37) Ethyl Acetate	4.715	43	30827	17.471	ug/l	99
38) Carbon Tetrachloride	5.678	117	38066	20.247	ug/l	99
39) Methylcyclohexane	7.385	83	38825	19.359	ug/l	97
40) Benzene	6.038	78	97601	20.347	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17962	19.984	ug/l	99
42) 1,2-Dichloroethane	6.092	62	41379	21.103	ug/l	100
43) Isopropyl Acetate	6.342	43	53406	19.713	ug/l	99
44) Trichloroethene	7.129	130	27277	20.200	ug/l	95
45) 1,2-Dichloropropane	7.434	63	25557	20.755	ug/l	98
46) Dibromomethane	7.586	93	18831	19.941	ug/l	98
47) Bromodichloromethane	7.824	83	37330	20.857	ug/l	94
48) Methyl methacrylate	7.696	41	27050	19.333	ug/l	98
49) 1,4-Dioxane	7.696	88	9495	356.093	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	168547	98.773	ug/l	99
52) Toluene	8.720	92	64677	20.666	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37385	20.473	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40365	20.666	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27196	20.634	ug/l	98
56) Ethyl methacrylate	9.116	69	39539	20.846	ug/l	99
57) 1,3-Dichloropropane	9.311	76	44186	20.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	98558	107.917	ug/l	99
59) 2-Hexanone	9.433	43	123944	97.889	ug/l	98
60) Dibromochloromethane	9.525	129	28377	19.712	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27939	20.006	ug/l	100
64) Tetrachloroethene	9.275	164	23692	21.274	ug/l	97
65) Chlorobenzene	10.079	112	71594	21.005	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	26726	20.834	ug/l	98
67) Ethyl Benzene	10.195	91	126985	20.834	ug/l	99
68) m/p-Xylenes	10.305	106	99276	41.946	ug/l	100
69) o-Xylene	10.640	106	48730	21.177	ug/l	99
70) Styrene	10.659	104	79769	20.859	ug/l	98
71) Bromoform	10.799	173	20030	19.749	ug/l #	99
73) Isopropylbenzene	10.964	105	131153	20.414	ug/l	99
74) N-amyl acetate	10.842	43	47752	19.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	41035	19.898	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	35839m	19.869	ug/l	
77) Bromobenzene	11.201	156	31134	19.767	ug/l	94
78) n-propylbenzene	11.305	91	150781	20.370	ug/l	100
79) 2-Chlorotoluene	11.366	91	91863	20.723	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	113866	20.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9876	17.422	ug/l	94
82) 4-Chlorotoluene	11.457	91	106553	20.542	ug/l	100
83) tert-Butylbenzene	11.713	119	112280	20.482	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	112936	20.679	ug/l	99
85) sec-Butylbenzene	11.890	105	134445	20.382	ug/l	99
86) p-Isopropyltoluene	12.012	119	113481	20.275	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60663	20.417	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	61461	19.940	ug/l	99
89) n-Butylbenzene	12.335	91	98693	20.268	ug/l	98
90) Hexachloroethane	12.536	117	17501	19.143	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60279	20.576	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7990	17.671	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	37264	19.508	ug/l	98
94) Hexachlorobutadiene	13.725	225	16014	20.073	ug/l	97
95) Naphthalene	13.774	128	120942	19.001	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37470	19.297	ug/l	99

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

