

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032660.D
 Acq On : 08 Nov 2022 17:36
 Operator : JC/MD
 Sample : VX1108MBS01
 Misc : 5.00g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:40:48 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	98608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69830	50.966	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.940%			
35) Dibromofluoromethane	5.391	113	56470	51.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	8.647	98	186526	48.758	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.520%			
62) 4-Bromofluorobenzene	11.079	95	73765	49.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	20327	17.873	ug/l	93
3) Chloromethane	1.295	50	17728	18.432	ug/l	99
4) Vinyl Chloride	1.374	62	19310	18.242	ug/l	99
5) Bromomethane	1.612	94	18772	22.191	ug/l	100
6) Chloroethane	1.685	64	13230	18.631	ug/l	98
7) Trichlorofluoromethane	1.886	101	38510	19.200	ug/l	98
8) Diethyl Ether	2.136	74	12735	19.593	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	20494	19.360	ug/l	99
10) Methyl Iodide	2.453	142	19480	17.826	ug/l	99
11) Tert butyl alcohol	2.977	59	18658	93.561	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18159	18.363	ug/l	93
13) Acrolein	2.240	56	15724	78.982	ug/l	100
14) Allyl chloride	2.666	41	28950	18.365	ug/l	98
15) Acrylonitrile	3.063	53	52112	96.287	ug/l	100
16) Acetone	2.386	43	48257	96.905	ug/l	97
17) Carbon Disulfide	2.514	76	34924	14.827	ug/l	99
18) Methyl Acetate	2.703	43	35117	21.686	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	69629	20.033	ug/l	97
20) Methylene Chloride	2.788	84	21995	19.264	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	19941	18.525	ug/l	97
22) Diisopropyl ether	3.764	45	68165	19.991	ug/l	98
23) Vinyl Acetate	3.721	43	260800	94.672	ug/l	100
24) 1,1-Dichloroethane	3.611	63	38831	19.799	ug/l	97
25) 2-Butanone	4.562	43	73136	94.796	ug/l	99
26) 2,2-Dichloropropane	4.477	77	27049	17.350	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24352	19.572	ug/l	99
28) Bromochloromethane	4.898	49	13576	19.433	ug/l	99
29) Tetrahydrofuran	5.007	42	46051	93.606	ug/l	100
30) Chloroform	5.099	83	42828	19.901	ug/l	98
31) Cyclohexane	5.477	56	30750	18.510	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	37253	19.290	ug/l	99
36) 1,1-Dichloropropene	5.690	75	28747	18.764	ug/l	100
37) Ethyl Acetate	4.721	43	29956	18.784	ug/l	98
38) Carbon Tetrachloride	5.684	117	31231	18.379	ug/l	98
39) Methylcyclohexane	7.379	83	32307	17.823	ug/l	99
40) Benzene	6.044	78	84359	19.458	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16337	20.110	ug/l	98
42) 1,2-Dichloroethane	6.092	62	36734	20.727	ug/l	100
43) Isopropyl Acetate	6.342	43	48353	19.748	ug/l	99
44) Trichloroethene	7.129	130	23621	19.354	ug/l	99
45) 1,2-Dichloropropane	7.434	63	22498	20.215	ug/l	97
46) Dibromomethane	7.586	93	17105	20.041	ug/l	99
47) Bromodichloromethane	7.824	83	30857	19.075	ug/l	99
48) Methyl methacrylate	7.696	41	24888	19.681	ug/l	99
49) 1,4-Dioxane	7.684	88	9215	382.368	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	152660	98.983	ug/l	99
52) Toluene	8.720	92	55032	19.456	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	30203	18.300	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32453	18.384	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23610	19.820	ug/l	97
56) Ethyl methacrylate	9.116	69	33040	19.274	ug/l	96
57) 1,3-Dichloropropane	9.311	76	38476	20.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	71123	86.164	ug/l	99
59) 2-Hexanone	9.433	43	114404	99.969	ug/l	98
60) Dibromochloromethane	9.525	129	23294	17.903	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24702	19.571	ug/l	99
64) Tetrachloroethene	9.275	164	19557	19.245	ug/l	95
65) Chlorobenzene	10.080	112	61446	19.757	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22903	19.567	ug/l	99
67) Ethyl Benzene	10.195	91	108430	19.496	ug/l	100
68) m/p-Xylenes	10.299	106	83192	38.522	ug/l	98
69) o-Xylene	10.640	106	41782	19.899	ug/l	100
70) Styrene	10.659	104	68120	19.521	ug/l	99
71) Bromoform	10.799	173	15880	17.159	ug/l #	99
73) Isopropylbenzene	10.964	105	109841	19.445	ug/l	99
74) N-amyl acetate	10.842	43	42650	19.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	35875	19.786	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31892m	20.109	ug/l	
77) Bromobenzene	11.201	156	27224	19.658	ug/l	99
78) n-propylbenzene	11.305	91	125497	19.283	ug/l	100
79) 2-Chlorotoluene	11.366	91	76215	19.554	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94478	19.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7705	15.459	ug/l	85
82) 4-Chlorotoluene	11.457	91	87732	19.236	ug/l	99
83) tert-Butylbenzene	11.713	119	94880	19.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94936	19.771	ug/l	99
85) sec-Butylbenzene	11.890	105	111517	19.228	ug/l	100
86) p-Isopropyltoluene	12.012	119	94529	19.208	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	50993	19.520	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	51980	19.180	ug/l	98
89) n-Butylbenzene	12.335	91	78772	18.399	ug/l	99
90) Hexachloroethane	12.536	117	14222	17.693	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	52003	20.189	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6839	17.203	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	31118	18.528	ug/l	100
94) Hexachlorobutadiene	13.725	225	12839	18.304	ug/l	99
95) Naphthalene	13.774	128	107913	19.283	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32311	18.925	ug/l	98

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

