

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040188.D
 Acq On : 12 Feb 2024 10:46
 Operator : JC/MD
 Sample : VX0212MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Semsettin Yesilyurt 02/13/2024

Quant Time: Feb 12 14:21:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60144	44.856	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.720%		
35) Dibromofluoromethane	5.385	113	48510	46.062	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.120%		
50) Toluene-d8	8.647	98	180795	45.893	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.780%#		
62) 4-Bromofluorobenzene	11.079	95	70149	43.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19046	18.708	ug/l	99
3) Chloromethane	1.294	50	18939	18.040	ug/l	97
4) Vinyl Chloride	1.374	62	20402	18.390	ug/l	97
5) Bromomethane	1.605	94	14513	23.181	ug/l	100
6) Chloroethane	1.691	64	12512	17.882	ug/l	99
7) Trichlorofluoromethane	1.886	101	32619	18.308	ug/l	100
8) Diethyl Ether	2.136	74	11773	17.590	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	17822	18.648	ug/l	99
10) Methyl Iodide	2.453	142	19756	18.620	ug/l	89
11) Tert butyl alcohol	2.953	59	22096	84.602	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	17283	18.782	ug/l	83
13) Acrolein	2.233	56	20983	87.042	ug/l	99
14) Allyl chloride	2.666	41	28761	18.011	ug/l	97
15) Acrylonitrile	3.062	53	52382	89.638	ug/l	99
16) Acetone	2.380	43	50413	91.545	ug/l	92
17) Carbon Disulfide	2.514	76	42799	17.618	ug/l	99
18) Methyl Acetate	2.703	43	26376	17.867	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	59461	18.342	ug/l	98
20) Methylene Chloride	2.788	84	18479	16.842	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	18091	17.263	ug/l	92
22) Diisopropyl ether	3.763	45	58346	18.016	ug/l	90
23) Vinyl Acetate	3.721	43	258716	89.613	ug/l	97
24) 1,1-Dichloroethane	3.611	63	34221	18.140	ug/l	99
25) 2-Butanone	4.556	43	74436	86.472	ug/l	97
26) 2,2-Dichloropropane	4.471	77	26877	18.508	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	21129	17.673	ug/l	93
28) Bromochloromethane	4.903	49	15031	18.767	ug/l	89
29) Tetrahydrofuran	5.001	42	48273	86.077	ug/l	93
30) Chloroform	5.099	83	35182	17.249	ug/l	89
31) Cyclohexane	5.470	56	28496	17.818	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	31767	18.514	ug/l	96
36) 1,1-Dichloropropene	5.690	75	25592	17.347	ug/l	96
37) Ethyl Acetate	4.715	43	27343	16.657	ug/l	99
38) Carbon Tetrachloride	5.672	117	25057	17.863	ug/l	88
39) Methylcyclohexane	7.379	83	31112	18.147	ug/l	93
40) Benzene	6.037	78	74630	18.090	ug/l	99

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41) Methacrylonitrile	4.922	41	15319	17.604	ug/l	91
42) 1,2-Dichloroethane	6.086	62	28518	17.685	ug/l	98
43) Isopropyl Acetate	6.336	43	47307	18.461	ug/l	99
44) Trichloroethene	7.129	130	20947	18.407	ug/l	96
45) 1,2-Dichloropropane	7.427	63	20058	18.679	ug/l	98
46) Dibromomethane	7.580	93	14719	18.612	ug/l	94
47) Bromodichloromethane	7.818	83	28418	18.649	ug/l	95
48) Methyl methacrylate	7.690	41	23100	17.617	ug/l	90
49) 1,4-Dioxane	7.659	88	10199	357.550	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	156987	89.730	ug/l	100
52) Toluene	8.720	92	47784	17.683	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	29386	17.373	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31250	18.298	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	20049	17.395	ug/l	92
56) Ethyl methacrylate	9.116	69	31728	18.388	ug/l	95
57) 1,3-Dichloropropane	9.311	76	33831	17.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	71208	87.240	ug/l	99
59) 2-Hexanone	9.427	43	125236	90.284	ug/l	98
60) Dibromochloromethane	9.519	129	22128	18.844	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22362	18.253	ug/l	99
64) Tetrachloroethene	9.275	164	18002	18.016	ug/l	96
65) Chlorobenzene	10.079	112	54437	18.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19745	19.157	ug/l	98
67) Ethyl Benzene	10.195	91	98401	18.566	ug/l	100
68) m/p-Xylenes	10.299	106	74164	37.050	ug/l	97
69) o-Xylene	10.640	106	36940	18.990	ug/l	98
70) Styrene	10.652	104	59888	18.518	ug/l	98
71) Bromoform	10.799	173	15731	17.571	ug/l #	97
73) Isopropylbenzene	10.963	105	97610	18.346	ug/l	99
74) N-amyl acetate	10.841	43	41045	17.998	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34257	17.922	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	28560m	18.671	ug/l	
77) Bromobenzene	11.195	156	23547	18.739	ug/l	92
78) n-propylbenzene	11.305	91	117821	18.292	ug/l	99
79) 2-Chlorotoluene	11.366	91	69591	17.892	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	83450	18.631	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8617	18.246	ug/l	98
82) 4-Chlorotoluene	11.451	91	83253	18.065	ug/l	98
83) tert-Butylbenzene	11.713	119	81272	18.507	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	82359	18.175	ug/l	98
85) sec-Butylbenzene	11.890	105	103879	18.407	ug/l	100
86) p-Isopropyltoluene	12.006	119	84999	18.374	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45706	18.357	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	45900	17.410	ug/l	98
89) n-Butylbenzene	12.329	91	80789	18.091	ug/l	96
90) Hexachloroethane	12.536	117	14519	19.897	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	43195	17.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7949	18.018	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	29074	17.619	ug/l	97
94) Hexachlorobutadiene	13.725	225	12128	18.415	ug/l	98
95) Naphthalene	13.774	128	94058	18.047	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28115	17.875	ug/l	98

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

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