

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034536.D
 Acq On : 16 Mar 2023 11:29
 Operator : JC/MD
 Sample : VX0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 06:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	439734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189068	49.106	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	141468	48.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.647	98	522261	48.186	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.079	95	203214	46.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43444	17.608	ug/l	96
3) Chloromethane	1.307	50	60944	15.398	ug/l	100
4) Vinyl Chloride	1.374	62	59202	17.622	ug/l	99
5) Bromomethane	1.599	94	40199	23.716	ug/l	95
6) Chloroethane	1.685	64	37897	19.592	ug/l	96
7) Trichlorofluoromethane	1.886	101	97868	19.388	ug/l	96
8) Diethyl Ether	2.130	74	35857	19.458	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	55770	18.957	ug/l	99
10) Methyl Iodide	2.453	142	73126	18.933	ug/l	97
11) Tert butyl alcohol	2.953	59	70675	88.148	ug/l	98
12) 1,1-Dichloroethene	2.319	96	51391	17.738	ug/l	97
13) Acrolein	2.233	56	67061	105.727	ug/l	97
14) Allyl chloride	2.660	41	101423	17.267	ug/l	98
15) Acrylonitrile	3.056	53	167708	96.829	ug/l	98
16) Acetone	2.373	43	164438	90.667	ug/l	98
17) Carbon Disulfide	2.514	76	120933	14.832	ug/l	100
18) Methyl Acetate	2.697	43	112059	18.909	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197089	18.999	ug/l	97
20) Methylene Chloride	2.788	84	62826	17.849	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	54934	17.854	ug/l	98
22) Diisopropyl ether	3.757	45	214002	19.109	ug/l	99
23) Vinyl Acetate	3.721	43	817044	95.861	ug/l	97
24) 1,1-Dichloroethane	3.611	63	108957	18.099	ug/l	100
25) 2-Butanone	4.550	43	244636	94.269	ug/l	99
26) 2,2-Dichloropropane	4.471	77	90383	17.272	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67862	18.321	ug/l	99
28) Bromochloromethane	4.897	49	56824	20.300	ug/l	99
29) Tetrahydrofuran	5.001	42	154123	96.248	ug/l	98
30) Chloroform	5.092	83	112383	19.044	ug/l	98
31) Cyclohexane	5.470	56	96997	17.963	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	94648	18.118	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80431	18.037	ug/l	99
37) Ethyl Acetate	4.708	43	92175	18.921	ug/l	99
38) Carbon Tetrachloride	5.678	117	79570	17.936	ug/l	98
39) Methylcyclohexane	7.379	83	96093	18.006	ug/l	95
40) Benzene	6.037	78	241518	18.514	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51025	19.111	ug/l	99
42) 1,2-Dichloroethane	6.086	62	96575	20.143	ug/l	99
43) Isopropyl Acetate	6.336	43	155579	18.851	ug/l	100
44) Trichloroethene	7.123	130	61102	18.027	ug/l	99
45) 1,2-Dichloropropane	7.427	63	64476	18.929	ug/l	99
46) Dibromomethane	7.580	93	43972	18.989	ug/l	98
47) Bromodichloromethane	7.824	83	84949	18.954	ug/l	98
48) Methyl methacrylate	7.690	41	77192	19.448	ug/l	98
49) 1,4-Dioxane	7.653	88	33789	405.294	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	481989	100.674	ug/l	98
52) Toluene	8.720	92	152135	18.837	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	91242	18.071	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	98652	18.059	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63214	19.722	ug/l	99
56) Ethyl methacrylate	9.116	69	99577	18.921	ug/l	97
57) 1,3-Dichloropropane	9.305	76	109676	19.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	253981	93.646	ug/l	100
59) 2-Hexanone	9.427	43	366198	98.948	ug/l	100
60) Dibromochloromethane	9.518	129	62323	18.539	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65424	18.915	ug/l	99
64) Tetrachloroethene	9.275	164	49705	18.512	ug/l	98
65) Chlorobenzene	10.079	112	161714	18.440	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	58380	18.277	ug/l	98
67) Ethyl Benzene	10.195	91	296483	18.884	ug/l	99
68) m/p-Xylenes	10.299	106	223619	37.078	ug/l	98
69) o-Xylene	10.640	106	112784	18.634	ug/l	99
70) Styrene	10.652	104	181212	18.557	ug/l	99
71) Bromoform	10.799	173	40441	16.448	ug/l #	98
73) Isopropylbenzene	10.963	105	291108	17.610	ug/l	100
74) N-amyl acetate	10.841	43	137550	17.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100685	18.253	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82169m	16.732	ug/l	
77) Bromobenzene	11.195	156	68338	17.231	ug/l	98
78) n-propylbenzene	11.305	91	345956	18.121	ug/l	98
79) 2-Chlorotoluene	11.366	91	207387	17.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	250901	18.096	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26456	14.574	ug/l	92
82) 4-Chlorotoluene	11.451	91	242111	17.827	ug/l	99
83) tert-Butylbenzene	11.713	119	264957	18.953	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	282417	19.930	ug/l	97
85) sec-Butylbenzene	11.890	105	337528	19.749	ug/l	99
86) p-Isopropyltoluene	12.006	119	278300	19.375	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143145	18.421	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	144220	18.354	ug/l	99
89) n-Butylbenzene	12.329	91	242325	18.977	ug/l	98
90) Hexachloroethane	12.536	117	46581	17.526	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	141689	18.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23633	18.857	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	89280	19.011	ug/l	98
94) Hexachlorobutadiene	13.725	225	37944	20.055	ug/l	98
95) Naphthalene	13.774	128	306652	19.472	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87607	19.084	ug/l	100

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

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