

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032494.D
 Acq On : 31 Oct 2022 17:40
 Operator : JC/MD
 Sample : VX1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 05:13:29 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	109812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78208	51.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.520%			
35) Dibromofluoromethane	5.391	113	62315	50.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	8.647	98	217422	50.736	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	84717	50.608	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27040	21.350	ug/l	99
3) Chloromethane	1.294	50	21836	20.387	ug/l	97
4) Vinyl Chloride	1.374	62	24288	20.604	ug/l	99
5) Bromomethane	1.605	94	20908	22.195	ug/l	99
6) Chloroethane	1.691	64	15125	19.126	ug/l	97
7) Trichlorofluoromethane	1.892	101	44531	19.937	ug/l	97
8) Diethyl Ether	2.130	74	14525	20.067	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	23354	19.810	ug/l	99
10) Methyl Iodide	2.453	142	23060	18.829	ug/l	98
11) Tert butyl alcohol	2.959	59	19610	88.301	ug/l	99
12) 1,1-Dichloroethene	2.319	96	21906	19.892	ug/l	98
13) Acrolein	2.233	56	27693	124.910	ug/l	97
14) Allyl chloride	2.666	41	34666	19.747	ug/l	99
15) Acrylonitrile	3.062	53	55489	92.066	ug/l	99
16) Acetone	2.380	43	48324	87.139	ug/l	100
17) Carbon Disulfide	2.514	76	52549	20.034	ug/l	100
18) Methyl Acetate	2.703	43	34841	19.320	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	75169	19.420	ug/l	100
20) Methylene Chloride	2.788	84	24631	19.372	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	23002	19.189	ug/l	93
22) Diisopropyl ether	3.764	45	73035	19.234	ug/l	98
23) Vinyl Acetate	3.721	43	291296	94.953	ug/l	100
24) 1,1-Dichloroethane	3.611	63	43055	19.713	ug/l	99
25) 2-Butanone	4.556	43	74663	86.901	ug/l	99
26) 2,2-Dichloropropane	4.477	77	31981	18.420	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	27557	19.888	ug/l	100
28) Bromochloromethane	4.904	49	15212	19.553	ug/l	99
29) Tetrahydrofuran	5.001	42	48907	89.269	ug/l	100
30) Chloroform	5.093	83	47748	19.923	ug/l	99
31) Cyclohexane	5.477	56	36825	19.905	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	43963	20.442	ug/l	100
36) 1,1-Dichloropropene	5.696	75	34281	19.975	ug/l	98
37) Ethyl Acetate	4.721	43	30347	16.988	ug/l	99
38) Carbon Tetrachloride	5.678	117	38247	20.093	ug/l	96
39) Methylcyclohexane	7.385	83	39424	19.416	ug/l	98
40) Benzene	6.038	78	97137	20.001	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16859	18.526	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39485	19.889	ug/l	99
43) Isopropyl Acetate	6.342	43	51505	18.778	ug/l	99
44) Trichloroethene	7.129	130	26894	19.672	ug/l	96
45) 1,2-Dichloropropane	7.434	63	24869	19.948	ug/l	93
46) Dibromomethane	7.586	93	18917	19.786	ug/l	99
47) Bromodichloromethane	7.824	83	36268	20.015	ug/l	97
48) Methyl methacrylate	7.696	41	25955	18.322	ug/l	98
49) 1,4-Dioxane	7.671	88	9447	349.935	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	160163	92.705	ug/l	100
52) Toluene	8.720	92	62320	19.668	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	34592	18.710	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	38487	19.463	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	26267	19.684	ug/l	97
56) Ethyl methacrylate	9.116	69	37118	19.329	ug/l	99
57) 1,3-Dichloropropane	9.311	76	41597	19.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	91466	98.920	ug/l	99
59) 2-Hexanone	9.433	43	118213	92.214	ug/l	99
60) Dibromochloromethane	9.525	129	28532	19.576	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27042	19.126	ug/l	98
64) Tetrachloroethene	9.275	164	23014	20.049	ug/l	97
65) Chlorobenzene	10.079	112	67685	19.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26139	19.770	ug/l	99
67) Ethyl Benzene	10.195	91	122149	19.444	ug/l	99
68) m/p-Xylenes	10.299	106	93340	38.263	ug/l	98
69) o-Xylene	10.640	106	46208	19.482	ug/l	99
70) Styrene	10.659	104	75894	19.254	ug/l	100
71) Bromoform	10.799	173	20368	19.484	ug/l #	98
73) Isopropylbenzene	10.963	105	123925	19.590	ug/l	100
74) N-amyl acetate	10.842	43	46358	19.395	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	38479	18.951	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34498m	19.425	ug/l	
77) Bromobenzene	11.201	156	30961	19.964	ug/l	97
78) n-propylbenzene	11.305	91	143277	19.659	ug/l	100
79) 2-Chlorotoluene	11.366	91	84522	19.365	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	106822	19.758	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9665	17.317	ug/l	93
82) 4-Chlorotoluene	11.457	91	98329	19.253	ug/l	98
83) tert-Butylbenzene	11.719	119	106077	19.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	107413	19.976	ug/l	99
85) sec-Butylbenzene	11.890	105	128732	19.821	ug/l	100
86) p-Isopropyltoluene	12.012	119	109276	19.829	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57430	19.631	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	57096	18.813	ug/l	100
89) n-Butylbenzene	12.335	91	92183	19.227	ug/l	99
90) Hexachloroethane	12.542	117	17198	19.105	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	56889	19.722	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8355	18.767	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	36095	19.191	ug/l	100
94) Hexachlorobutadiene	13.725	225	15577	19.831	ug/l	95
95) Naphthalene	13.774	128	120252	19.188	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37146	19.429	ug/l	99

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

