

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035331.D
 Acq On : 27 Apr 2023 11:19
 Operator : JC/MD
 Sample : VX0427MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2023
 Supervised By : Mahesh Dadoda 04/28/2023

Quant Time: Apr 27 16:24:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	271222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	418678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150201	45.903	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.800%		
35) Dibromofluoromethane	5.385	113	122909	47.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.647	98	464194	47.885	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.780%		
62) 4-Bromofluorobenzene	11.079	95	177134	48.574	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47590	16.583	ug/l	97
3) Chloromethane	1.294	50	38252	14.652	ug/l	98
4) Vinyl Chloride	1.374	62	40058	15.298	ug/l	93
5) Bromomethane	1.618	94	26627	15.300	ug/l	97
6) Chloroethane	1.691	64	23309	15.220	ug/l	98
7) Trichlorofluoromethane	1.886	101	65431	15.979	ug/l	98
8) Diethyl Ether	2.130	74	23656	15.845	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	43467	15.893	ug/l	94
10) Methyl Iodide	2.453	142	54193	15.701	ug/l	99
11) Tert butyl alcohol	3.008	59	48233	80.956	ug/l	95
12) 1,1-Dichloroethene	2.319	96	40121	15.231	ug/l	93
13) Acrolein	2.239	56	47584	81.213	ug/l	96
14) Allyl chloride	2.666	41	70029	15.106	ug/l	99
15) Acrylonitrile	3.068	53	112735	75.654	ug/l	98
16) Acetone	2.392	43	104696	73.670	ug/l	98
17) Carbon Disulfide	2.514	76	93601	14.822	ug/l	98
18) Methyl Acetate	2.703	43	85968	15.643	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	147334	16.303	ug/l	96
20) Methylene Chloride	2.788	84	47641	14.620	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43850	15.327	ug/l	98
22) Diisopropyl ether	3.757	45	146814	16.004	ug/l	94
23) Vinyl Acetate	3.721	43	513692	81.466	ug/l	97
24) 1,1-Dichloroethane	3.605	63	80847	15.646	ug/l	98
25) 2-Butanone	4.562	43	158829	76.570	ug/l	96
26) 2,2-Dichloropropane	4.471	77	64354	15.897	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	52708	15.673	ug/l	95
28) Bromochloromethane	4.897	49	36610	16.626	ug/l	86
29) Tetrahydrofuran	5.013	42	100274	75.410	ug/l	95
30) Chloroform	5.093	83	84701	16.238	ug/l	98
31) Cyclohexane	5.464	56	74156	15.976	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	72983	15.965	ug/l	96
36) 1,1-Dichloropropene	5.696	75	63346	15.787	ug/l	98
37) Ethyl Acetate	4.715	43	61556	16.797	ug/l	95
38) Carbon Tetrachloride	5.672	117	62807	16.489	ug/l	99
39) Methylcyclohexane	7.379	83	79858	16.350	ug/l	99
40) Benzene	6.031	78	186206	16.177	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33864	16.126	ug/l	95
42) 1,2-Dichloroethane	6.086	62	66211	16.133	ug/l	97
43) Isopropyl Acetate	6.342	43	99803	16.207	ug/l	95
44) Trichloroethene	7.123	130	52249	16.478	ug/l	93
45) 1,2-Dichloropropane	7.427	63	48171	16.600	ug/l	92
46) Dibromomethane	7.580	93	32920	16.520	ug/l	92
47) Bromodichloromethane	7.818	83	60134	16.378	ug/l	99
48) Methyl methacrylate	7.690	41	50303	16.653	ug/l	93
49) 1,4-Dioxane	7.714	88	24737	335.969	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	313107	82.762	ug/l	96
52) Toluene	8.720	92	121478	16.650	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	65326	17.037	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73723	17.010	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	49101	16.881	ug/l	97
56) Ethyl methacrylate	9.116	69	74424	17.177	ug/l	88
57) 1,3-Dichloropropane	9.305	76	81425	16.367	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	199534	92.100	ug/l	96
59) 2-Hexanone	9.427	43	235488	82.856	ug/l	94
60) Dibromochloromethane	9.519	129	46229	16.589	ug/l	98
61) 1,2-Dibromoethane	9.610	107	50785	16.937	ug/l	100
64) Tetrachloroethene	9.275	164	48286	16.762	ug/l	96
65) Chlorobenzene	10.079	112	131506	16.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45758	16.153	ug/l	98
67) Ethyl Benzene	10.195	91	230380	16.344	ug/l	99
68) m/p-Xylenes	10.299	106	177498	32.862	ug/l	100
69) o-Xylene	10.640	106	88213	16.655	ug/l	98
70) Styrene	10.652	104	143498	16.710	ug/l	97
71) Bromoform	10.799	173	31233	15.851	ug/l #	100
73) Isopropylbenzene	10.963	105	231585	16.679	ug/l	100
74) N-amyl acetate	10.841	43	84338	16.163	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	69456	16.116	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63641m	16.796	ug/l	
77) Bromobenzene	11.195	156	57166	16.563	ug/l	90
78) n-propylbenzene	11.305	91	263114	16.499	ug/l	99
79) 2-Chlorotoluene	11.366	91	159719	16.028	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	198068	16.918	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16813	14.371	ug/l	92
82) 4-Chlorotoluene	11.451	91	182340	16.292	ug/l	96
83) tert-Butylbenzene	11.713	119	190287	16.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	195758	16.641	ug/l	100
85) sec-Butylbenzene	11.890	105	237226	16.463	ug/l	100
86) p-Isopropyltoluene	12.012	119	202872	16.554	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106707	16.268	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	107285	15.600	ug/l	98
89) n-Butylbenzene	12.335	91	165139	15.963	ug/l	99
90) Hexachloroethane	12.536	117	29553	15.753	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	105327	16.055	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13884	16.066	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	69371	16.823	ug/l	99
94) Hexachlorobutadiene	13.725	225	27950	15.444	ug/l	99
95) Naphthalene	13.774	128	221307	17.433	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67643	16.295	ug/l	99

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

