

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028769.D
 Acq On : 17 May 2022 19:39
 Operator : JC/MD
 Sample : VX0517MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:54:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	239861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167750	51.020	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.040%			
35) Dibromofluoromethane	5.391	113	135098	50.708	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.420%			
50) Toluene-d8	8.653	98	500003	49.778	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.560%			
62) 4-Bromofluorobenzene	11.079	95	186039	49.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61685	19.640	ug/l	99
3) Chloromethane	1.288	50	55226	18.671	ug/l	98
4) Vinyl Chloride	1.374	62	60402	18.949	ug/l	99
5) Bromomethane	1.599	94	40593	14.028	ug/l	98
6) Chloroethane	1.685	64	40548	18.822	ug/l	99
7) Trichlorofluoromethane	1.886	101	111302	21.901	ug/l	100
8) Diethyl Ether	2.130	74	41167	22.231	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	50674	18.949	ug/l	97
10) Methyl Iodide	2.453	142	65157	20.351	ug/l	94
11) Tert butyl alcohol	2.959	59	82723	114.220	ug/l	99
12) 1,1-Dichloroethene	2.319	96	48448	19.516	ug/l	98
13) Acrolein	2.233	56	49079	90.942	ug/l	97
14) Allyl chloride	2.666	41	79750	20.030	ug/l	91
15) Acrylonitrile	3.062	53	167004	105.422	ug/l	98
16) Acetone	2.380	43	151827	107.594	ug/l	94
17) Carbon Disulfide	2.514	76	118797	18.461	ug/l	99
18) Methyl Acetate	2.703	43	75782	21.442	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	188222	21.366	ug/l	99
20) Methylene Chloride	2.788	84	56324	19.026	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	53299	19.061	ug/l	99
22) Diisopropyl ether	3.764	45	173815	20.428	ug/l	90
23) Vinyl Acetate	3.721	43	776902	105.918	ug/l	96
24) 1,1-Dichloroethane	3.611	63	99007	20.016	ug/l	98
25) 2-Butanone	4.556	43	237004	107.001	ug/l	95
26) 2,2-Dichloropropane	4.477	77	72625	18.726	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	64663	19.800	ug/l	100
28) Bromochloromethane	4.904	49	40426	19.416	ug/l	95
29) Tetrahydrofuran	5.007	42	150393	104.457	ug/l	94
30) Chloroform	5.099	83	106891	19.967	ug/l	100
31) Cyclohexane	5.471	56	85825	18.805	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	92225	19.734	ug/l	99
36) 1,1-Dichloropropene	5.696	75	75202	18.793	ug/l	99
37) Ethyl Acetate	4.715	43	90419	21.633	ug/l	97
38) Carbon Tetrachloride	5.678	117	78038	19.378	ug/l	99
39) Methylcyclohexane	7.385	83	86760	18.906	ug/l	93
40) Benzene	6.037	78	224521	19.523	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46432	20.719	ug/l	95
42) 1,2-Dichloroethane	6.092	62	85827	20.232	ug/l	98
43) Isopropyl Acetate	6.342	43	138488	21.179	ug/l	96
44) Trichloroethene	7.129	130	60972	19.548	ug/l	94
45) 1,2-Dichloropropane	7.434	63	56925	19.839	ug/l	100
46) Dibromomethane	7.586	93	42170	19.680	ug/l	93
47) Bromodichloromethane	7.824	83	78142	19.642	ug/l	100
48) Methyl methacrylate	7.696	41	67755	21.450	ug/l	84
49) 1,4-Dioxane	7.659	88	32551	412.503	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	460270	106.864	ug/l	93
52) Toluene	8.720	92	145759	19.702	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80702	18.685	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	89301	19.949	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	61100	20.254	ug/l	97
56) Ethyl methacrylate	9.116	69	96971	21.227	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	102642	20.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	246709	110.306	ug/l	99
59) 2-Hexanone	9.433	43	361451	108.016	ug/l	91
60) Dibromochloromethane	9.525	129	57798	19.645	ug/l	97
61) 1,2-Dibromoethane	9.610	107	66187	20.889	ug/l	99
64) Tetrachloroethene	9.275	164	51783	15.830	ug/l	97
65) Chlorobenzene	10.079	112	182909	19.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	66938	20.563	ug/l	99
67) Ethyl Benzene	10.195	91	315681	19.165	ug/l	99
68) m/p-Xylenes	10.305	106	236682	36.908	ug/l	96
69) o-Xylene	10.640	106	108891	17.247	ug/l	99
70) Styrene	10.659	104	178153	17.376	ug/l	98
71) Bromoform	10.799	173	40457	16.292	ug/l #	99
73) Isopropylbenzene	10.963	105	280910	20.283	ug/l	98
74) N-amyl acetate	10.848	43	118991	21.857	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	100299	21.110	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89284m	20.875	ug/l	
77) Bromobenzene	11.201	156	67961	20.739	ug/l	98
78) n-propylbenzene	11.305	91	318414	19.876	ug/l	100
79) 2-Chlorotoluene	11.366	91	196642	20.027	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236915	20.530	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23390	18.922	ug/l #	78
82) 4-Chlorotoluene	11.457	91	225912	19.902	ug/l	99
83) tert-Butylbenzene	11.713	119	235574	21.084	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	238986	20.651	ug/l	98
85) sec-Butylbenzene	11.890	105	279960	20.313	ug/l	99
86) p-Isopropyltoluene	12.012	119	237533	20.539	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125178	19.475	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	127646	19.146	ug/l	98
89) n-Butylbenzene	12.335	91	192625	19.223	ug/l	99
90) Hexachloroethane	12.542	117	35421	18.939	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	127294	20.160	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21655	21.345	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	74007	20.293	ug/l	99
94) Hexachlorobutadiene	13.725	225	29691	20.040	ug/l	92
95) Naphthalene	13.774	128	280101	21.583	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73879	20.170	ug/l	95

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

