

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035102.D
 Acq On : 17 Apr 2023 12:28
 Operator : JC/MD
 Sample : VX0417MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

Quant Time: Apr 18 05:51:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	361521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	586116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	516269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	223637	40.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.900%		
35) Dibromofluoromethane	5.385	113	179177	46.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.440%		
50) Toluene-d8	8.647	98	661434	46.225	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.440%		
62) 4-Bromofluorobenzene	11.079	95	256804	46.378	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72334	20.061	ug/l	99
3) Chloromethane	1.294	50	70440	15.603	ug/l	98
4) Vinyl Chloride	1.373	62	70414	15.752	ug/l	98
5) Bromomethane	1.617	94	45148	15.543	ug/l	97
6) Chloroethane	1.690	64	41378	14.227	ug/l	99
7) Trichlorofluoromethane	1.892	101	98543	13.713	ug/l	99
8) Diethyl Ether	2.136	74	38424	15.167	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62383	16.609	ug/l	99
10) Methyl Iodide	2.453	142	73594	15.734	ug/l	96
11) Tert butyl alcohol	3.020	59	69474	71.617	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	57908	15.603	ug/l	97
13) Acrolein	2.239	56	72608	72.710	ug/l	99
14) Allyl chloride	2.666	41	113011	15.542	ug/l	98
15) Acrylonitrile	3.068	53	172533	79.014	ug/l	99
16) Acetone	2.398	43	150606	67.054	ug/l	100
17) Carbon Disulfide	2.514	76	144559	15.552	ug/l	97
18) Methyl Acetate	2.709	43	127823	16.017	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	216669	15.768	ug/l	97
20) Methylene Chloride	2.788	84	69752	15.738	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	65702	16.232	ug/l	97
22) Diisopropyl ether	3.757	45	229325	15.631	ug/l	97
23) Vinyl Acetate	3.721	43	816881	78.071	ug/l	100
24) 1,1-Dichloroethane	3.611	63	123564	15.653	ug/l	100
25) 2-Butanone	4.568	43	244454	74.821	ug/l	96
26) 2,2-Dichloropropane	4.477	77	99400	15.312	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	75253	15.690	ug/l	98
28) Bromochloromethane	4.897	49	63817	16.527	ug/l	95
29) Tetrahydrofuran	5.013	42	158500	77.440	ug/l	99
30) Chloroform	5.092	83	124050	15.472	ug/l	98
31) Cyclohexane	5.470	56	103120	15.317	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	108734	15.892	ug/l	97
36) 1,1-Dichloropropene	5.690	75	93627	16.302	ug/l	98
37) Ethyl Acetate	4.714	43	94360	15.712	ug/l	98
38) Carbon Tetrachloride	5.678	117	91421	16.883	ug/l	97
39) Methylcyclohexane	7.378	83	97316	15.956	ug/l	98
40) Benzene	6.037	78	273256	16.574	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	55203	16.902	ug/l	98
42) 1,2-Dichloroethane	6.086	62	99652	15.203	ug/l	98
43) Isopropyl Acetate	6.342	43	158792	15.805	ug/l	98
44) Trichloroethene	7.122	130	73039	17.355	ug/l	99
45) 1,2-Dichloropropane	7.427	63	70579	16.428	ug/l	96
46) Dibromomethane	7.580	93	47386	16.030	ug/l	97
47) Bromodichloromethane	7.824	83	89016	16.303	ug/l	98
48) Methyl methacrylate	7.696	41	78568	15.923	ug/l	96
49) 1,4-Dioxane	7.732	88	31792	312.654	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	477085	80.232	ug/l	98
52) Toluene	8.720	92	173765	16.164	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	97173	16.543	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109776	17.077	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	68710	16.888	ug/l	98
56) Ethyl methacrylate	9.116	69	108126	16.962	ug/l	94
57) 1,3-Dichloropropane	9.305	76	119404	16.572	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	319549	98.450	ug/l	97
59) 2-Hexanone	9.427	43	361125	80.294	ug/l	96
60) Dibromochloromethane	9.518	129	66738	17.220	ug/l	98
61) 1,2-Dibromoethane	9.610	107	71974	17.012	ug/l	100
64) Tetrachloroethene	9.274	164	61644	16.685	ug/l	96
65) Chlorobenzene	10.079	112	185844	17.301	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	66136	17.906	ug/l	98
67) Ethyl Benzene	10.195	91	330621	16.991	ug/l	98
68) m/p-Xylenes	10.299	106	251452	33.828	ug/l	100
69) o-Xylene	10.640	106	124555	17.105	ug/l	100
70) Styrene	10.652	104	205738	17.699	ug/l	97
71) Bromoform	10.799	173	45067	17.940	ug/l #	99
73) Isopropylbenzene	10.963	105	308845	17.125	ug/l	99
74) N-amyl acetate	10.841	43	138765	17.113	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	100448	16.994	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94546m	19.058	ug/l	
77) Bromobenzene	11.195	156	78937	17.664	ug/l	95
78) n-propylbenzene	11.305	91	343226	16.474	ug/l	100
79) 2-Chlorotoluene	11.366	91	221375	16.829	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	254841	16.900	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26454	15.981	ug/l	94
82) 4-Chlorotoluene	11.451	91	253740	16.611	ug/l	99
83) tert-Butylbenzene	11.713	119	243718	17.212	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	256059	16.698	ug/l	100
85) sec-Butylbenzene	11.890	105	298452	17.325	ug/l	100
86) p-Isopropyltoluene	12.006	119	254840	17.741	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	141087	17.336	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	143492	16.882	ug/l	99
89) n-Butylbenzene	12.335	91	216564	17.256	ug/l	99
90) Hexachloroethane	12.536	117	38176	17.154	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	142271	17.455	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20745	16.814	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	84078	18.239	ug/l	100
94) Hexachlorobutadiene	13.725	225	36901	18.200	ug/l	99
95) Naphthalene	13.774	128	293159	17.897	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82702	17.790	ug/l	99

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

