

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035100.D
 Acq On : 17 Apr 2023 11:33
 Operator : JC/MD
 Sample : VX0417WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Quant Time: Apr 18 05:51:15 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	291133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190293	42.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.385	113	152367	48.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	549295	46.935	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	11.079	95	213834	47.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68165	23.475	ug/l	98
3) Chloromethane	1.295	50	69131	19.015	ug/l	99
4) Vinyl Chloride	1.374	62	68034	18.900	ug/l	98
5) Bromomethane	1.618	94	42242	18.059	ug/l	96
6) Chloroethane	1.691	64	40014	17.085	ug/l	98
7) Trichlorofluoromethane	1.892	101	92090	15.913	ug/l	99
8) Diethyl Ether	2.136	74	36859	18.066	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	58645	19.388	ug/l	98
10) Methyl Iodide	2.453	142	70186	18.633	ug/l	96
11) Tert butyl alcohol	3.014	59	67584	86.513	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	55952	18.721	ug/l	95
13) Acrolein	2.240	56	73830	91.809	ug/l	99
14) Allyl chloride	2.666	41	107834	18.416	ug/l	98
15) Acrylonitrile	3.069	53	170693	97.071	ug/l	100
16) Acetone	2.398	43	149070	82.417	ug/l	100
17) Carbon Disulfide	2.514	76	137129	18.320	ug/l	99
18) Methyl Acetate	2.709	43	125165	19.476	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208231	18.818	ug/l	98
20) Methylene Chloride	2.788	84	66091	18.517	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	63045	19.341	ug/l	97
22) Diisopropyl ether	3.758	45	222259	18.812	ug/l	99
23) Vinyl Acetate	3.721	43	787237	93.428	ug/l	100
24) 1,1-Dichloroethane	3.611	63	117897	18.546	ug/l	98
25) 2-Butanone	4.562	43	240584	91.440	ug/l	99
26) 2,2-Dichloropropane	4.477	77	93747	17.933	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	73637	19.065	ug/l	97
28) Bromochloromethane	4.898	49	61057	19.635	ug/l	93
29) Tetrahydrofuran	5.013	42	152727	92.661	ug/l	100
30) Chloroform	5.093	83	119300	18.477	ug/l	98
31) Cyclohexane	5.471	56	97384	17.962	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	103769	18.833	ug/l	98
36) 1,1-Dichloropropene	5.690	75	89800	19.117	ug/l	100
37) Ethyl Acetate	4.715	43	91191	18.566	ug/l	98
38) Carbon Tetrachloride	5.678	117	87409	19.736	ug/l	99
39) Methylcyclohexane	7.379	83	90830	18.209	ug/l	98
40) Benzene	6.038	78	262853	19.493	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53050	19.860	ug/l	98
42) 1,2-Dichloroethane	6.086	62	95854	17.880	ug/l	98
43) Isopropyl Acetate	6.342	43	153417	18.669	ug/l	98
44) Trichloroethene	7.129	130	69505	20.192	ug/l	100
45) 1,2-Dichloropropane	7.428	63	67787	19.291	ug/l	98
46) Dibromomethane	7.580	93	45142	18.671	ug/l	95
47) Bromodichloromethane	7.824	83	85416	19.126	ug/l	96
48) Methyl methacrylate	7.696	41	75880	18.802	ug/l	95
49) 1,4-Dioxane	7.720	88	31807	382.446	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	468642	96.360	ug/l	98
52) Toluene	8.720	92	165858	18.864	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	92845	19.325	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	103395	19.666	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	66297	19.923	ug/l	95
56) Ethyl methacrylate	9.116	69	103361	19.825	ug/l	95
57) 1,3-Dichloropropane	9.305	76	114455	19.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	287784	108.405	ug/l	97
59) 2-Hexanone	9.427	43	354052	96.249	ug/l	98
60) Dibromochloromethane	9.519	129	63908	20.161	ug/l	98
61) 1,2-Dibromoethane	9.610	107	67940	19.634	ug/l	100
64) Tetrachloroethene	9.275	164	59695	19.626	ug/l	97
65) Chlorobenzene	10.080	112	176419	19.950	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	63732	20.959	ug/l	98
67) Ethyl Benzene	10.195	91	312097	19.482	ug/l	97
68) m/p-Xylenes	10.299	106	237936	38.882	ug/l	99
69) o-Xylene	10.640	106	118785	19.815	ug/l	100
70) Styrene	10.653	104	194233	20.297	ug/l	99
71) Bromoform	10.799	173	42624	20.610	ug/l #	99
73) Isopropylbenzene	10.964	105	286161	19.535	ug/l	100
74) N-amyl acetate	10.842	43	132555	20.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	99069	20.635	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81283m	20.173	ug/l	
77) Bromobenzene	11.195	156	74831	20.617	ug/l	95
78) n-propylbenzene	11.305	91	320430	18.936	ug/l	100
79) 2-Chlorotoluene	11.366	91	210323	19.686	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	235735	19.247	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24802	18.447	ug/l	92
82) 4-Chlorotoluene	11.451	91	238848	19.251	ug/l	98
83) tert-Butylbenzene	11.713	119	227617	19.791	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	239444	19.225	ug/l	99
85) sec-Butylbenzene	11.890	105	270030	19.299	ug/l	100
86) p-Isopropyltoluene	12.006	119	229876	19.703	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	131701	19.924	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	133915	19.397	ug/l	99
89) n-Butylbenzene	12.329	91	190092	18.649	ug/l	99
90) Hexachloroethane	12.536	117	34144	18.889	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	131875	19.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19935	19.893	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	75375	20.131	ug/l	100
94) Hexachlorobutadiene	13.725	225	32861	19.954	ug/l	98
95) Naphthalene	13.774	128	279545	21.012	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76047	20.140	ug/l	100

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

