

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061722\
 Data File : VX029545.D
 Acq On : 17 Jun 2022 16:28
 Operator : JC/MD
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Quant Time: Jun 18 01:38:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	170855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	280907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124260	47.697	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.400%		
35) Dibromofluoromethane	5.391	113	105815	44.309	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.620%		
50) Toluene-d8	8.653	98	389323	46.095	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.200%		
62) 4-Bromofluorobenzene	11.085	95	155954	47.184	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45762	16.872	ug/l	97
3) Chloromethane	1.294	50	52987	18.305	ug/l	97
4) Vinyl Chloride	1.374	62	53885	17.937	ug/l	98
5) Bromomethane	1.599	94	31502	19.577	ug/l	99
6) Chloroethane	1.678	64	34366	24.655	ug/l	100
7) Trichlorofluoromethane	1.886	101	77712	17.751	ug/l	94
8) Diethyl Ether	2.136	74	31939	18.717	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	47424	17.972	ug/l	98
10) Methyl Iodide	2.453	142	41235	13.586	ug/l	98
11) Tert butyl alcohol	2.965	59	83623	94.075	ug/l	96
12) 1,1-Dichloroethene	2.319	96	47697	18.571	ug/l	95
13) Acrolein	2.239	56	18020	57.112	ug/l	97
14) Allyl chloride	2.666	41	78356	19.005	ug/l	96
15) Acrylonitrile	3.068	53	166853	102.645	ug/l	99
16) Acetone	2.380	43	144461	104.518	ug/l	93
17) Carbon Disulfide	2.508	76	103611	16.389	ug/l	99
18) Methyl Acetate	2.703	43	74047	20.221	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	180020	20.304	ug/l	97
20) Methylene Chloride	2.788	84	56205	18.209	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	52965	18.374	ug/l	96
22) Diisopropyl ether	3.763	45	164905	19.815	ug/l #	86
23) Vinyl Acetate	3.727	43	700995	101.603	ug/l	98
24) 1,1-Dichloroethane	3.611	63	94718	18.870	ug/l	99
25) 2-Butanone	4.556	43	228142	104.346	ug/l	98
26) 2,2-Dichloropropane	4.477	77	77473	21.649	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	64058	18.786	ug/l	96
28) Bromochloromethane	4.903	49	38344	19.432	ug/l	99
29) Tetrahydrofuran	5.013	42	148316	104.087	ug/l	93
30) Chloroform	5.105	83	103748	19.154	ug/l	99
31) Cyclohexane	5.470	56	84031	18.143	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	89359	19.148	ug/l	98
36) 1,1-Dichloropropene	5.696	75	72448	18.365	ug/l	98
37) Ethyl Acetate	4.721	43	84428	20.733	ug/l	99
38) Carbon Tetrachloride	5.684	117	73035	18.113	ug/l	97
39) Methylcyclohexane	7.385	83	91267	18.783	ug/l	95
40) Benzene	6.043	78	221515	18.862	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46487	20.220	ug/l	95
42) 1,2-Dichloroethane	6.092	62	78511	19.246	ug/l	100
43) Isopropyl Acetate	6.342	43	127418	20.828	ug/l	98
44) Trichloroethene	7.129	130	65278	20.416	ug/l	99
45) 1,2-Dichloropropane	7.433	63	56024	19.403	ug/l	96
46) Dibromomethane	7.586	93	41622	19.899	ug/l	92
47) Bromodichloromethane	7.824	83	78234	19.817	ug/l	98
48) Methyl methacrylate	7.696	41	62451	20.297	ug/l	93
49) 1,4-Dioxane	7.665	88	35156	444.180	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	432301	107.974	ug/l	97
52) Toluene	8.720	92	146401	19.419	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	80574	19.593	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	89665	20.231	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	61588	20.196	ug/l	99
56) Ethyl methacrylate	9.122	69	92891	20.937	ug/l	93
57) 1,3-Dichloropropane	9.311	76	101223	19.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	216120	100.273	ug/l	97
59) 2-Hexanone	9.433	43	339030	111.373	ug/l	95
60) Dibromochloromethane	9.525	129	59081	20.026	ug/l	96
61) 1,2-Dibromoethane	9.610	107	63358	19.479	ug/l	98
64) Tetrachloroethene	9.275	164	54115	19.607	ug/l	94
65) Chlorobenzene	10.085	112	158453	19.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57338	20.533	ug/l	98
67) Ethyl Benzene	10.195	91	280867	19.921	ug/l	99
68) m/p-Xylenes	10.305	106	220267	40.380	ug/l	97
69) o-Xylene	10.646	106	108798	20.525	ug/l	97
70) Styrene	10.659	104	185894	21.013	ug/l	98
71) Bromoform	10.805	173	40786	20.566	ug/l #	99
73) Isopropylbenzene	10.963	105	288306	20.076	ug/l	99
74) N-amyl acetate	10.847	43	104778	21.552	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	97642	20.146	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88610m	20.797	ug/l	
77) Bromobenzene	11.201	156	66743	19.793	ug/l	95
78) n-propylbenzene	11.305	91	327316	20.086	ug/l	100
79) 2-Chlorotoluene	11.366	91	201350	20.064	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	249156	20.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24542	19.326	ug/l #	85
82) 4-Chlorotoluene	11.457	91	231778	20.009	ug/l	99
83) tert-Butylbenzene	11.719	119	239136	20.211	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	250062	20.776	ug/l	97
85) sec-Butylbenzene	11.890	105	303798	20.909	ug/l	98
86) p-Isopropyltoluene	12.012	119	251977	20.687	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127749	19.851	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	128161	19.581	ug/l	97
89) n-Butylbenzene	12.335	91	212627	20.705	ug/l	99
90) Hexachloroethane	12.542	117	35402	18.282	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	126584	19.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21326	21.156	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	76217	20.237	ug/l	98
94) Hexachlorobutadiene	13.731	225	30912	19.742	ug/l	91
95) Naphthalene	13.780	128	285640	21.489	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75951	20.224	ug/l	95

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

