

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029614.D
 Acq On : 20 Jun 2022 11:47
 Operator : JC/MD
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 01:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	260128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162343	47.146	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	5.385	113	141060	48.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	8.653	98	517089	48.250	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	194472	48.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61653	19.571	ug/l	98
3) Chloromethane	1.288	50	60018	17.685	ug/l	98
4) Vinyl Chloride	1.374	62	61423	19.658	ug/l	100
5) Bromomethane	1.611	94	29677	18.617	ug/l	96
6) Chloroethane	1.685	64	37134	17.305	ug/l	97
7) Trichlorofluoromethane	1.886	101	83471	19.175	ug/l	94
8) Diethyl Ether	2.136	74	34184	19.933	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	52473	19.224	ug/l	98
10) Methyl Iodide	2.453	142	43740	16.226	ug/l	96
11) Tert butyl alcohol	2.977	59	76498	96.254	ug/l	97
12) 1,1-Dichloroethene	2.319	96	51708	19.621	ug/l	99
13) Acrolein	2.239	56	18069	95.259	ug/l	99
14) Allyl chloride	2.666	41	82992	19.505	ug/l	96
15) Acrylonitrile	3.062	53	162836	101.103	ug/l	99
16) Acetone	2.386	43	126317	92.034	ug/l	98
17) Carbon Disulfide	2.514	76	133024	19.470	ug/l	96
18) Methyl Acetate	2.703	43	71882	19.809	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	183324	20.037	ug/l	99
20) Methylene Chloride	2.788	84	58905	19.270	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	56328	19.556	ug/l	96
22) Diisopropyl ether	3.764	45	170270	20.229	ug/l	93
23) Vinyl Acetate	3.721	43	727494	103.528	ug/l	99
24) 1,1-Dichloroethane	3.611	63	99686	19.693	ug/l	99
25) 2-Butanone	4.562	43	214675	98.953	ug/l	98
26) 2,2-Dichloropropane	4.483	77	76990	19.541	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	67629	20.097	ug/l	95
28) Bromochloromethane	4.897	49	37634	19.459	ug/l	99
29) Tetrahydrofuran	5.007	42	144166	99.712	ug/l	95
30) Chloroform	5.099	83	105931	19.774	ug/l	97
31) Cyclohexane	5.477	56	87319	18.888	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	91714	19.410	ug/l	98
36) 1,1-Dichloropropene	5.696	75	75437	19.000	ug/l	98
37) Ethyl Acetate	4.715	43	82362	20.237	ug/l	99
38) Carbon Tetrachloride	5.684	117	76038	19.475	ug/l	98
39) Methylcyclohexane	7.385	83	94603	19.111	ug/l	99
40) Benzene	6.037	78	232899	19.789	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44116	20.575	ug/l	95
42) 1,2-Dichloroethane	6.086	62	79908	19.751	ug/l	99
43) Isopropyl Acetate	6.342	43	125373	19.811	ug/l	99
44) Trichloroethene	7.129	130	65374	18.899	ug/l	97
45) 1,2-Dichloropropane	7.434	63	57157	19.802	ug/l	99
46) Dibromomethane	7.580	93	41664	20.083	ug/l	95
47) Bromodichloromethane	7.824	83	80361	20.102	ug/l	100
48) Methyl methacrylate	7.696	41	60585	19.525	ug/l	94
49) 1,4-Dioxane	7.677	88	32727	409.081	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	410565	100.652	ug/l	98
52) Toluene	8.720	92	150374	19.953	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	82637	20.456	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	92683	20.488	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	61448	20.166	ug/l	99
56) Ethyl methacrylate	9.116	69	94881	20.611	ug/l	96
57) 1,3-Dichloropropane	9.311	76	100677	19.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	198407	91.731	ug/l	96
59) 2-Hexanone	9.433	43	314089	101.686	ug/l	96
60) Dibromochloromethane	9.525	129	59753	20.198	ug/l	98
61) 1,2-Dibromoethane	9.610	107	64894	20.541	ug/l	97
64) Tetrachloroethene	9.275	164	56981	19.856	ug/l	96
65) Chlorobenzene	10.079	112	158584	20.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57664	20.626	ug/l	98
67) Ethyl Benzene	10.195	91	283288	20.225	ug/l	99
68) m/p-Xylenes	10.305	106	220651	40.395	ug/l	99
69) o-Xylene	10.640	106	109943	20.372	ug/l	100
70) Styrene	10.659	104	182810	20.689	ug/l	98
71) Bromoform	10.799	173	41174	20.771	ug/l #	99
73) Isopropylbenzene	10.963	105	282402	19.702	ug/l	98
74) N-amyl acetate	10.841	43	100101	20.108	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	93465	20.169	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	85703m	20.579	ug/l	
77) Bromobenzene	11.201	156	65276	19.954	ug/l	95
78) n-propylbenzene	11.305	91	317509	19.668	ug/l	100
79) 2-Chlorotoluene	11.366	91	194729	19.480	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	239558	19.845	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24690	19.723	ug/l	91
82) 4-Chlorotoluene	11.457	91	222922	19.556	ug/l	99
83) tert-Butylbenzene	11.713	119	233728	19.858	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	239079	19.858	ug/l	98
85) sec-Butylbenzene	11.890	105	287781	19.729	ug/l	99
86) p-Isopropyltoluene	12.012	119	238948	19.564	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124212	19.932	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	124005	19.930	ug/l	97
89) n-Butylbenzene	12.335	91	204956	19.883	ug/l	99
90) Hexachloroethane	12.542	117	34318	19.623	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	122065	19.927	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20134	19.608	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	76617	20.511	ug/l	98
94) Hexachlorobutadiene	13.725	225	29778	19.471	ug/l	95
95) Naphthalene	13.774	128	285096	21.261	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75721	20.240	ug/l	94

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

