

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
 Data File : VX029366.D
 Acq On : 10 Jun 2022 14:06
 Operator : JC/MD
 Sample : VX0610WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 00:52:43 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	169340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134120	52.104	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.200%			
35) Dibromofluoromethane	5.391	113	116067	49.698	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.400%			
50) Toluene-d8	8.653	98	387774	46.947	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.900%			
62) 4-Bromofluorobenzene	11.085	95	163302	50.521	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49258	18.324	ug/l	96
3) Chloromethane	1.288	50	49956	17.412	ug/l	99
4) Vinyl Chloride	1.374	62	54658	18.357	ug/l	99
5) Bromomethane	1.605	94	31047	19.467	ug/l	95
6) Chloroethane	1.685	64	36399	26.571	ug/l	96
7) Trichlorofluoromethane	1.886	101	82218	18.948	ug/l	95
8) Diethyl Ether	2.130	74	34400	20.340	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	50115	19.162	ug/l	96
10) Methyl Iodide	2.453	142	55187	17.912	ug/l	96
11) Tert butyl alcohol	2.959	59	78200	86.136	ug/l	95
12) 1,1-Dichloroethene	2.319	96	46835	18.398	ug/l	97
13) Acrolein	2.233	56	29037	92.853	ug/l	96
14) Allyl chloride	2.666	41	75985	18.595	ug/l	94
15) Acrylonitrile	3.062	53	160535	99.641	ug/l	99
16) Acetone	2.380	43	130347	95.150	ug/l	96
17) Carbon Disulfide	2.508	76	107779	17.201	ug/l	100
18) Methyl Acetate	2.703	43	70390	19.395	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	176078	20.037	ug/l	98
20) Methylene Chloride	2.788	84	55602	18.175	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	52765	18.468	ug/l	99
22) Diisopropyl ether	3.763	45	164431	19.935	ug/l	91
23) Vinyl Acetate	3.721	43	698334	102.123	ug/l	98
24) 1,1-Dichloroethane	3.605	63	92762	18.645	ug/l	98
25) 2-Butanone	4.556	43	212079	97.867	ug/l	97
26) 2,2-Dichloropropane	4.477	77	68619	19.346	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	61587	18.223	ug/l	98
28) Bromochloromethane	4.897	49	44388	22.696	ug/l	97
29) Tetrahydrofuran	5.007	42	139936	99.085	ug/l	94
30) Chloroform	5.092	83	104153	19.400	ug/l	98
31) Cyclohexane	5.470	56	85837	18.698	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	88942	19.229	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73581	19.072	ug/l	99
37) Ethyl Acetate	4.721	43	78394	19.685	ug/l	100
38) Carbon Tetrachloride	5.678	117	75791	19.221	ug/l	98
39) Methylcyclohexane	7.385	83	91029	19.156	ug/l	97
40) Benzene	6.037	78	220841	19.228	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42692	18.858	ug/l	96
42) 1,2-Dichloroethane	6.086	62	80708	20.230	ug/l	98
43) Isopropyl Acetate	6.342	43	121857	20.368	ug/l	98
44) Trichloroethene	7.123	130	58585	18.735	ug/l	94
45) 1,2-Dichloropropane	7.434	63	54533	19.313	ug/l	97
46) Dibromomethane	7.586	93	41514	20.295	ug/l	93
47) Bromodichloromethane	7.824	83	77253	20.009	ug/l	99
48) Methyl methacrylate	7.696	41	60728	20.181	ug/l	92
49) 1,4-Dioxane	7.665	88	31772	410.475	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	414051	105.747	ug/l	96
52) Toluene	8.720	92	142005	19.261	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	77290	19.243	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	86932	20.056	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	59415	19.922	ug/l	99
56) Ethyl methacrylate	9.116	69	89312	20.585	ug/l	92
57) 1,3-Dichloropropane	9.311	76	99978	19.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	221837	105.246	ug/l	98
59) 2-Hexanone	9.433	43	318165	106.875	ug/l	94
60) Dibromochloromethane	9.525	129	57200	19.825	ug/l	97
61) 1,2-Dibromoethane	9.610	107	63165	19.857	ug/l	98
64) Tetrachloroethene	9.275	164	53244	19.433	ug/l	92
65) Chlorobenzene	10.079	112	152337	19.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55636	20.070	ug/l	98
67) Ethyl Benzene	10.195	91	276740	19.772	ug/l	99
68) m/p-Xylenes	10.305	106	216483	39.977	ug/l	98
69) o-Xylene	10.646	106	107093	20.352	ug/l	99
70) Styrene	10.659	104	177124	20.169	ug/l	98
71) Bromoform	10.799	173	38862	19.739	ug/l #	99
73) Isopropylbenzene	10.963	105	281627	19.604	ug/l	98
74) N-amyl acetate	10.848	43	97704	20.090	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	94630	19.518	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85645m	20.094	ug/l	
77) Bromobenzene	11.201	156	66008	19.569	ug/l	93
78) n-propylbenzene	11.305	91	316685	19.427	ug/l	100
79) 2-Chlorotoluene	11.366	91	198317	19.755	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	239074	19.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22841	18.134	ug/l #	84
82) 4-Chlorotoluene	11.457	91	226904	19.582	ug/l	99
83) tert-Butylbenzene	11.713	119	231965	19.599	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	238999	19.851	ug/l	98
85) sec-Butylbenzene	11.890	105	287668	19.793	ug/l	99
86) p-Isopropyltoluene	12.012	119	241379	19.811	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	124148	19.285	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	124633	19.036	ug/l	97
89) n-Butylbenzene	12.335	91	204541	19.911	ug/l	98
90) Hexachloroethane	12.542	117	35613	18.385	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	125622	19.681	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20385	20.216	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	76187	20.222	ug/l	98
94) Hexachlorobutadiene	13.725	225	31010	19.798	ug/l	93
95) Naphthalene	13.780	128	276414	20.788	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75299	20.044	ug/l	95

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

