

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029661.D
 Acq On : 21 Jun 2022 14:36
 Operator : JC/MD
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 01:10:52 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	5.550	168	229106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144963	47.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.600%		
35) Dibromofluoromethane	5.385	113	128020	50.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.140%		
50) Toluene-d8	8.653	98	479918	51.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.760%		
62) 4-Bromofluorobenzene	11.079	95	179519	50.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56435	20.340	ug/l	97
3) Chloromethane	1.288	50	50091	16.758	ug/l	100
4) Vinyl Chloride	1.374	62	51412	18.682	ug/l	95
5) Bromomethane	1.611	94	22664	16.142	ug/l	97
6) Chloroethane	1.685	64	31103	16.450	ug/l	99
7) Trichlorofluoromethane	1.886	101	73317	19.123	ug/l	97
8) Diethyl Ether	2.136	74	29400	19.464	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	49432	20.562	ug/l	98
10) Methyl Iodide	2.453	142	41179	17.136	ug/l	98
11) Tert butyl alcohol	2.977	59	63133	89.589	ug/l	97
12) 1,1-Dichloroethene	2.319	96	45663	19.673	ug/l	95
13) Acrolein	2.239	56	15032	89.978	ug/l	99
14) Allyl chloride	2.666	41	71698	19.132	ug/l	96
15) Acrylonitrile	3.062	53	145693	102.707	ug/l	99
16) Acetone	2.380	43	113034	93.508	ug/l	97
17) Carbon Disulfide	2.514	76	112443	18.686	ug/l	99
18) Methyl Acetate	2.703	43	63758	19.949	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	161921	20.094	ug/l	99
20) Methylene Chloride	2.788	84	54161	20.117	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	49998	19.708	ug/l	97
22) Diisopropyl ether	3.764	45	149191	20.124	ug/l	96
23) Vinyl Acetate	3.721	43	629339	101.687	ug/l	98
24) 1,1-Dichloroethane	3.611	63	86621	19.429	ug/l	98
25) 2-Butanone	4.556	43	189530	99.192	ug/l	98
26) 2,2-Dichloropropane	4.477	77	65448	18.861	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	59642	20.123	ug/l	94
28) Bromochloromethane	4.904	49	33406	19.612	ug/l	99
29) Tetrahydrofuran	5.007	42	128484	100.899	ug/l	97
30) Chloroform	5.093	83	93342	19.784	ug/l	100
31) Cyclohexane	5.471	56	79787	19.596	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	80092	19.246	ug/l	99
36) 1,1-Dichloropropene	5.696	75	69251	20.012	ug/l	99
37) Ethyl Acetate	4.715	43	73607	20.752	ug/l	99
38) Carbon Tetrachloride	5.678	117	67299	19.777	ug/l	97
39) Methylcyclohexane	7.379	83	88254	20.456	ug/l	94
40) Benzene	6.038	78	207995	20.277	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40684	21.770	ug/l	93
42) 1,2-Dichloroethane	6.092	62	69006	19.570	ug/l	97
43) Isopropyl Acetate	6.342	43	111950	20.297	ug/l	99
44) Trichloroethene	7.129	130	56310	18.665	ug/l	96
45) 1,2-Dichloropropane	7.434	63	50569	20.101	ug/l	100
46) Dibromomethane	7.586	93	37700	20.850	ug/l	94
47) Bromodichloromethane	7.824	83	68486	19.656	ug/l	99
48) Methyl methacrylate	7.696	41	54650	20.208	ug/l	93
49) 1,4-Dioxane	7.677	88	28520	409.032	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	368790	103.735	ug/l	99
52) Toluene	8.720	92	135143	20.575	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	69919	19.858	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80838	20.504	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	55532	20.910	ug/l	98
56) Ethyl methacrylate	9.116	69	82864	20.653	ug/l	96
57) 1,3-Dichloropropane	9.311	76	91760	20.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	187456	99.441	ug/l	98
59) 2-Hexanone	9.433	43	282848	105.067	ug/l	96
60) Dibromochloromethane	9.525	129	52744	20.456	ug/l	96
61) 1,2-Dibromoethane	9.610	107	56936	20.678	ug/l	97
64) Tetrachloroethene	9.275	164	52389	20.638	ug/l	97
65) Chlorobenzene	10.079	112	144822	21.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50720	20.509	ug/l	98
67) Ethyl Benzene	10.195	91	256786	20.725	ug/l	100
68) m/p-Xylenes	10.305	106	199982	41.387	ug/l	98
69) o-Xylene	10.640	106	98927	20.722	ug/l	100
70) Styrene	10.659	104	164588	21.057	ug/l	98
71) Bromoform	10.799	173	36262	20.680	ug/l #	98
73) Isopropylbenzene	10.963	105	258512	20.359	ug/l	99
74) N-amyl acetate	10.842	43	86686	19.657	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84066	20.478	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	76369m	20.700	ug/l	
77) Bromobenzene	11.201	156	58007	20.017	ug/l	94
78) n-propylbenzene	11.305	91	291770	20.402	ug/l	99
79) 2-Chlorotoluene	11.366	91	177803	20.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219143	20.493	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22135	19.960	ug/l	91
82) 4-Chlorotoluene	11.457	91	206229	20.422	ug/l	99
83) tert-Butylbenzene	11.719	119	213866	20.512	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	217049	20.351	ug/l	99
85) sec-Butylbenzene	11.890	105	271818	21.035	ug/l	99
86) p-Isopropyltoluene	12.012	119	227437	21.020	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112415	20.363	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	113578	20.606	ug/l	97
89) n-Butylbenzene	12.335	91	190546	20.866	ug/l	99
90) Hexachloroethane	12.542	117	30464	19.663	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	114049	21.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17990	19.777	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	70364	21.264	ug/l	98
94) Hexachlorobutadiene	13.725	225	29276	21.609	ug/l	92
95) Naphthalene	13.780	128	257206	21.652	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71171	21.475	ug/l	94

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

