

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027611.D
 Acq On : 22 Mar 2022 13:55
 Operator : JC/MD
 Sample : VX0322WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 01:46:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	317809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	498146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	463350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192667	49.211	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.420%		
35) Dibromofluoromethane	5.385	113	175481	54.753	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	109.500%		
50) Toluene-d8	8.647	98	642172	52.949	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.900%		
62) 4-Bromofluorobenzene	11.079	95	222670	49.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	56150	18.407	ug/l	100
3) Chloromethane	1.295	50	54250	20.033	ug/l	98
4) Vinyl Chloride	1.374	62	60991	19.493	ug/l	99
5) Bromomethane	1.599	94	43159	24.132	ug/l	100
6) Chloroethane	1.685	64	38127	19.857	ug/l	98
7) Trichlorofluoromethane	1.886	101	90465	17.515	ug/l	100
8) Diethyl Ether	2.130	74	37731	19.611	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59422	19.320	ug/l	95
10) Methyl Iodide	2.453	142	75188	18.467	ug/l	99
11) Tert butyl alcohol	2.959	59	68274	91.503	ug/l	98
12) 1,1-Dichloroethene	2.319	96	55693	18.872	ug/l	95
13) Acrolein	2.233	56	35238	60.859	ug/l	99
14) Allyl chloride	2.660	41	86382	18.706	ug/l	97
15) Acrylonitrile	3.063	53	181897	107.230	ug/l	99
16) Acetone	2.380	43	144338	90.448	ug/l	100
17) Carbon Disulfide	2.508	76	131264	17.481	ug/l	99
18) Methyl Acetate	2.703	43	79289	20.731	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	199488	20.035	ug/l	98
20) Methylene Chloride	2.788	84	67022	19.534	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	61446	19.520	ug/l	93
22) Diisopropyl ether	3.758	45	184851	20.497	ug/l #	80
23) Vinyl Acetate	3.721	43	804545	102.585	ug/l	97
24) 1,1-Dichloroethane	3.611	63	108304	19.746	ug/l	99
25) 2-Butanone	4.556	43	233679	97.328	ug/l	100
26) 2,2-Dichloropropane	4.477	77	76925	17.175	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	74659	20.451	ug/l	93
28) Bromochloromethane	4.898	49	35723	16.145	ug/l	90
29) Tetrahydrofuran	5.007	42	156564	101.650	ug/l	96
30) Chloroform	5.093	83	119128	19.689	ug/l	95
31) Cyclohexane	5.471	56	86091	17.708	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	98432	17.868	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76658	17.503	ug/l	95
37) Ethyl Acetate	4.715	43	90261	20.682	ug/l	99
38) Carbon Tetrachloride	5.678	117	83418	16.648	ug/l	99
39) Methylcyclohexane	7.379	83	103183	18.735	ug/l	96
40) Benzene	6.038	78	257237	20.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48971	20.575	ug/l	96
42) 1,2-Dichloroethane	6.086	62	89157	18.932	ug/l	99
43) Isopropyl Acetate	6.342	43	135559	19.300	ug/l	98
44) Trichloroethene	7.123	130	75190	19.712	ug/l	96
45) 1,2-Dichloropropane	7.434	63	65842	20.572	ug/l	97
46) Dibromomethane	7.580	93	49201	20.124	ug/l	97
47) Bromodichloromethane	7.824	83	89552	19.453	ug/l	99
48) Methyl methacrylate	7.690	41	69578	20.016	ug/l	93
49) 1,4-Dioxane	7.659	88	33844	379.076	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	471533	105.166	ug/l	96
52) Toluene	8.720	92	168519	20.013	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	91452	19.356	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	102258	19.886	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	72474	21.139	ug/l	98
56) Ethyl methacrylate	9.116	69	102644	20.010	ug/l	92
57) 1,3-Dichloropropane	9.311	76	116114	20.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	239703	91.531	ug/l	98
59) 2-Hexanone	9.433	43	359724	104.169	ug/l	92
60) Dibromochloromethane	9.525	129	74178	19.655	ug/l	96
61) 1,2-Dibromoethane	9.610	107	77761	20.636	ug/l	100
64) Tetrachloroethene	9.275	164	75139	20.857	ug/l	98
65) Chlorobenzene	10.080	112	189586	19.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68433	19.243	ug/l	100
67) Ethyl Benzene	10.195	91	314755	19.293	ug/l	96
68) m/p-Xylenes	10.305	106	252155	39.253	ug/l	98
69) o-Xylene	10.640	106	123756	19.842	ug/l	97
70) Styrene	10.659	104	206047	20.223	ug/l	99
71) Bromoform	10.799	173	53303	18.762	ug/l #	100
73) Isopropylbenzene	10.964	105	304643	18.332	ug/l	100
74) N-amyl acetate	10.842	43	107519	18.247	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	101129	19.211	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	91148m	19.100	ug/l	
77) Bromobenzene	11.201	156	81718	19.509	ug/l	88
78) n-propylbenzene	11.305	91	336099	18.424	ug/l	97
79) 2-Chlorotoluene	11.366	91	210933	18.433	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	268061	19.166	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25917	16.494	ug/l	92
82) 4-Chlorotoluene	11.457	91	242440	18.607	ug/l	97
83) tert-Butylbenzene	11.720	119	263042	18.985	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	276544	19.826	ug/l	99
85) sec-Butylbenzene	11.890	105	322413	19.256	ug/l	99
86) p-Isopropyltoluene	12.012	119	279542	19.437	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	152751	19.682	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	154770	19.709	ug/l	99
89) n-Butylbenzene	12.335	91	226239	18.850	ug/l	97
90) Hexachloroethane	12.543	117	39153	17.071	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	150483	19.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22510	18.645	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	95307	19.622	ug/l	99
94) Hexachlorobutadiene	13.725	225	41111	19.161	ug/l	94
95) Naphthalene	13.780	128	325702	20.599	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97679	19.881	ug/l	96

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

