

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026942.D
 Acq On : 11 Feb 2022 00:49
 Operator : JC/MD
 Sample : VX0210WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBSD03

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/11/2022
 Supervised By : Mahesh Dadoda 02/11/2022

Quant Time: Feb 11 04:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	97114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60948	52.282	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.560%			
35) Dibromofluoromethane	5.391	113	47939	50.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	8.653	98	185433	53.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.200%			
62) 4-Bromofluorobenzene	11.079	95	67131	54.605	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	21108	19.989	ug/l	100
3) Chloromethane	1.294	50	20198	20.561	ug/l	99
4) Vinyl Chloride	1.380	62	20570	20.003	ug/l	100
5) Bromomethane	1.618	94	9762	22.371	ug/l	99
6) Chloroethane	1.697	64	11987	19.468	ug/l	96
7) Trichlorofluoromethane	1.892	101	29523	19.509	ug/l	98
8) Diethyl Ether	2.136	74	10878	19.405	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	19147	19.303	ug/l	100
10) Methyl Iodide	2.459	142	24350	19.155	ug/l	97
11) Tert butyl alcohol	2.989	59	18410	87.418	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	18818	18.934	ug/l	94
13) Acrolein	2.239	56	16549	85.032	ug/l	98
14) Allyl chloride	2.672	41	33918	19.266	ug/l	96
15) Acrylonitrile	3.068	53	61127	101.288	ug/l	100
16) Acetone	2.386	43	49247	96.184	ug/l	97
17) Carbon Disulfide	2.520	76	50039	17.785	ug/l	99
18) Methyl Acetate	2.709	43	27796	18.868	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	65832	18.713	ug/l	98
20) Methylene Chloride	2.794	84	21492	19.372	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	20344	19.452	ug/l	95
22) Diisopropyl ether	3.763	45	70566	19.909	ug/l	96
23) Vinyl Acetate	3.727	43	291144	97.698	ug/l	99
24) 1,1-Dichloroethane	3.617	63	37322	19.460	ug/l	99
25) 2-Butanone	4.562	43	83314	100.995	ug/l	100
26) 2,2-Dichloropropane	4.483	77	24076	18.579	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	23128	19.260	ug/l	98
28) Bromochloromethane	4.904	49	16326	20.535	ug/l	99
29) Tetrahydrofuran	5.013	42	56399	100.566	ug/l	99
30) Chloroform	5.105	83	38929	19.536	ug/l	99
31) Cyclohexane	5.477	56	35266	19.039	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	33423	19.024	ug/l	99
36) 1,1-Dichloropropene	5.702	75	28928	19.276	ug/l	98
37) Ethyl Acetate	4.721	43	33626	19.716	ug/l	100
38) Carbon Tetrachloride	5.684	117	29279	18.605	ug/l	96
39) Methylcyclohexane	7.385	83	34675	18.841	ug/l	97
40) Benzene	6.044	78	84167	19.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18564	20.083	ug/l	97
42) 1,2-Dichloroethane	6.092	62	30852	20.018	ug/l	100
43) Isopropyl Acetate	6.342	43	51002	19.436	ug/l	99
44) Trichloroethene	7.129	130	24319	18.518	ug/l	96
45) 1,2-Dichloropropane	7.434	63	21506	19.434	ug/l	91
46) Dibromomethane	7.586	93	14976	19.558	ug/l	99
47) Bromodichloromethane	7.824	83	29135	19.869	ug/l	99
48) Methyl methacrylate	7.696	41	25536	19.640	ug/l	98
49) 1,4-Dioxane	7.684	88	8630	385.174	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	165858	104.301	ug/l	98
52) Toluene	8.720	92	54080	19.529	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	27765	18.368	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	32198	19.885	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	21764	20.760	ug/l	98
56) Ethyl methacrylate	9.116	69	33603	20.221	ug/l	96
57) 1,3-Dichloropropane	9.311	76	36706	20.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	82729	96.993	ug/l	98
59) 2-Hexanone	9.433	43	121526	104.483	ug/l	99
60) Dibromochloromethane	9.525	129	21833	20.241	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22805	20.589	ug/l	99
64) Tetrachloroethene	9.275	164	25684	17.774	ug/l	94
65) Chlorobenzene	10.079	112	57444	19.305	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	20703	18.914	ug/l	99
67) Ethyl Benzene	10.195	91	102175	19.401	ug/l	99
68) m/p-Xylenes	10.305	106	78058	38.524	ug/l	100
69) o-Xylene	10.640	106	38730	19.507	ug/l	96
70) Styrene	10.659	104	64026	19.883	ug/l	98
71) Bromoform	10.805	173	14301	18.102	ug/l #	98
73) Isopropylbenzene	10.963	105	101598	20.112	ug/l	99
74) N-amyl acetate	10.841	43	39163	19.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27649	20.169	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	28016m	19.956	ug/l	
77) Bromobenzene	11.201	156	23318	19.419	ug/l	99
78) n-propylbenzene	11.305	91	114304	20.411	ug/l	100
79) 2-Chlorotoluene	11.366	91	68790	19.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	83505	20.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7040	18.008	ug/l	97
82) 4-Chlorotoluene	11.457	91	78345	20.183	ug/l	98
83) tert-Butylbenzene	11.713	119	78688	19.858	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	83809	19.985	ug/l	100
85) sec-Butylbenzene	11.890	105	100543	20.017	ug/l	99
86) p-Isopropyltoluene	12.012	119	83798	19.693	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42688	19.401	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	42734	19.258	ug/l	99
89) n-Butylbenzene	12.335	91	69019	19.824	ug/l	99
90) Hexachloroethane	12.542	117	12325	20.040	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41438	19.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6205	18.406	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	25049	18.695	ug/l	99
94) Hexachlorobutadiene	13.725	225	10579	18.666	ug/l	96
95) Naphthalene	13.780	128	88640	18.887	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25073	18.481	ug/l	97

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

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