

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026922.D
 Acq On : 10 Feb 2022 15:59
 Operator : JC/MD
 Sample : VX0210WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 03:59:44 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	5.556	168	91993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60018	54.350	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.391	113	46679	51.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.653	98	176884	53.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.820%			
62) 4-Bromofluorobenzene	11.085	95	63020	54.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	20363	20.357	ug/l	99
3) Chloromethane	1.294	50	18677	20.071	ug/l	100
4) Vinyl Chloride	1.374	62	19201	19.711	ug/l	99
5) Bromomethane	1.617	94	8184	19.799	ug/l	94
6) Chloroethane	1.691	64	11411	19.571	ug/l	99
7) Trichlorofluoromethane	1.892	101	28246	19.704	ug/l	98
8) Diethyl Ether	2.136	74	10243	19.289	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	19113	20.341	ug/l	99
10) Methyl Iodide	2.459	142	20962	17.613	ug/l	98
11) Tert butyl alcohol	2.977	59	17667	88.560	ug/l	96
12) 1,1-Dichloroethene	2.325	96	17785	18.891	ug/l	90
13) Acrolein	2.239	56	17477	94.800	ug/l	100
14) Allyl chloride	2.666	41	32856	19.702	ug/l	97
15) Acrylonitrile	3.068	53	58859	102.960	ug/l	97
16) Acetone	2.386	43	49328	101.705	ug/l	100
17) Carbon Disulfide	2.514	76	47416	17.791	ug/l	99
18) Methyl Acetate	2.709	43	26520	19.004	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	63626	19.093	ug/l	99
20) Methylene Chloride	2.794	84	20454	19.463	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	19549	19.732	ug/l	96
22) Diisopropyl ether	3.763	45	66852	19.911	ug/l	99
23) Vinyl Acetate	3.727	43	284101	100.642	ug/l	97
24) 1,1-Dichloroethane	3.611	63	35636	19.615	ug/l	98
25) 2-Butanone	4.562	43	79266	101.437	ug/l	99
26) 2,2-Dichloropropane	4.477	77	24828	20.226	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	22835	20.075	ug/l	96
28) Bromochloromethane	4.903	49	16018	21.269	ug/l	98
29) Tetrahydrofuran	5.013	42	53036	99.834	ug/l	99
30) Chloroform	5.099	83	36891	19.544	ug/l	98
31) Cyclohexane	5.477	56	34119	19.445	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	32107	19.292	ug/l	99
36) 1,1-Dichloropropene	5.702	75	28104	19.746	ug/l	99
37) Ethyl Acetate	4.714	43	31402	19.414	ug/l	98
38) Carbon Tetrachloride	5.684	117	27786	18.617	ug/l	97
39) Methylcyclohexane	7.385	83	33832	19.383	ug/l	96
40) Benzene	6.043	78	80862	19.494	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17392	19.839	ug/l	97
42) 1,2-Dichloroethane	6.092	62	30072	20.573	ug/l	99
43) Isopropyl Acetate	6.342	43	48591	19.524	ug/l	99
44) Trichloroethene	7.129	130	22957	18.432	ug/l	98
45) 1,2-Dichloropropane	7.433	63	20827	19.844	ug/l	99
46) Dibromomethane	7.586	93	14641	20.161	ug/l	98
47) Bromodichloromethane	7.824	83	28866	20.756	ug/l	98
48) Methyl methacrylate	7.696	41	23986	19.451	ug/l	97
49) 1,4-Dioxane	7.677	88	8468	398.501	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	156251	103.604	ug/l	99
52) Toluene	8.720	92	52127	19.848	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	27459	19.096	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	30880	20.108	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	20926	21.047	ug/l	98
56) Ethyl methacrylate	9.116	69	31087	19.725	ug/l	100
57) 1,3-Dichloropropane	9.311	76	35944	21.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	78732	97.328	ug/l	100
59) 2-Hexanone	9.433	43	113848	103.206	ug/l	98
60) Dibromochloromethane	9.525	129	21397	20.915	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21775	20.728	ug/l	100
64) Tetrachloroethene	9.275	164	24854	18.481	ug/l	96
65) Chlorobenzene	10.079	112	54381	19.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	19913	19.548	ug/l	99
67) Ethyl Benzene	10.195	91	97027	19.796	ug/l	99
68) m/p-Xylenes	10.305	106	74494	39.504	ug/l	99
69) o-Xylene	10.646	106	36186	19.584	ug/l	98
70) Styrene	10.659	104	59996	20.020	ug/l	98
71) Bromoform	10.799	173	13596	18.452	ug/l #	99
73) Isopropylbenzene	10.963	105	95366	20.153	ug/l	99
74) N-amyl acetate	10.841	43	37780	19.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	25412	19.788	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	25632m	19.490	ug/l	
77) Bromobenzene	11.201	156	21948	19.512	ug/l	98
78) n-propylbenzene	11.305	91	107805	20.550	ug/l	100
79) 2-Chlorotoluene	11.366	91	65459	20.195	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	79292	20.359	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	6956	18.809	ug/l	97
82) 4-Chlorotoluene	11.457	91	74758	20.559	ug/l	99
83) tert-Butylbenzene	11.719	119	74033	19.944	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	78682	20.029	ug/l	98
85) sec-Butylbenzene	11.890	105	96282	20.462	ug/l	99
86) p-Isopropyltoluene	12.012	119	80374	20.163	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	40075	19.443	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	40827	19.641	ug/l	98
89) n-Butylbenzene	12.335	91	67253	20.621	ug/l	100
90) Hexachloroethane	12.542	117	11252	19.530	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	39333	19.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5719	18.109	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	23999	19.121	ug/l	100
94) Hexachlorobutadiene	13.725	225	9856	18.565	ug/l	99
95) Naphthalene	13.780	128	84030	19.113	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24116	18.975	ug/l	100

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

