

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026868.D
 Acq On : 09 Feb 2022 14:39
 Operator : JC/MD
 Sample : VX0209WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0209WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/10/2022
 Supervised By : Mahesh Dadoda 02/10/2022

Quant Time: Feb 10 01:05:30 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	97311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65007	55.651	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.300%			
35) Dibromofluoromethane	5.391	113	50842	54.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.420%			
50) Toluene-d8	8.647	98	187621	54.503	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.000%			
62) 4-Bromofluorobenzene	11.079	95	67994	56.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22064	20.852	ug/l	100
3) Chloromethane	1.294	50	19853	20.169	ug/l	99
4) Vinyl Chloride	1.380	62	20958	20.339	ug/l	97
5) Bromomethane	1.617	94	9549	21.839	ug/l	96
6) Chloroethane	1.691	64	12432	20.197	ug/l	95
7) Trichlorofluoromethane	1.892	101	31933	21.059	ug/l	99
8) Diethyl Ether	2.136	74	11772	20.957	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21477	21.608	ug/l	99
10) Methyl Iodide	2.459	142	24409	19.161	ug/l	99
11) Tert butyl alcohol	2.977	59	21477	101.775	ug/l	97
12) 1,1-Dichloroethene	2.325	96	20400	20.484	ug/l	96
13) Acrolein	2.239	56	19422	99.592	ug/l	98
14) Allyl chloride	2.666	41	36622	20.760	ug/l	96
15) Acrylonitrile	3.068	53	61282	101.340	ug/l	100
16) Acetone	2.386	43	59107	115.208	ug/l	97
17) Carbon Disulfide	2.514	76	54684	19.397	ug/l	99
18) Methyl Acetate	2.703	43	28810	19.517	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	71431	20.264	ug/l	100
20) Methylene Chloride	2.794	84	22096	19.876	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	21911	20.908	ug/l	94
22) Diisopropyl ether	3.757	45	74471	20.968	ug/l #	84
23) Vinyl Acetate	3.721	43	317192	106.224	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39774	20.696	ug/l	98
25) 2-Butanone	4.556	43	87414	105.751	ug/l	99
26) 2,2-Dichloropropane	4.477	77	29911	23.035	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	25169	20.918	ug/l	97
28) Bromochloromethane	4.897	49	17175	21.559	ug/l	100
29) Tetrahydrofuran	5.007	42	55464	98.699	ug/l	98
30) Chloroform	5.092	83	40798	20.432	ug/l	98
31) Cyclohexane	5.470	56	38306	20.638	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	36444	20.702	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31084	21.011	ug/l	99
37) Ethyl Acetate	4.715	43	34629	20.596	ug/l	100
38) Carbon Tetrachloride	5.684	117	32231	20.775	ug/l	98
39) Methylcyclohexane	7.379	83	38964	21.476	ug/l	97
40) Benzene	6.037	78	88751	20.583	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18686	20.506	ug/l	97
42) 1,2-Dichloroethane	6.086	62	32780	21.574	ug/l	98
43) Isopropyl Acetate	6.336	43	53624	20.729	ug/l	99
44) Trichloroethene	7.129	130	26083	20.147	ug/l	95
45) 1,2-Dichloropropane	7.434	63	22363	20.499	ug/l	97
46) Dibromomethane	7.580	93	15714	20.817	ug/l	98
47) Bromodichloromethane	7.824	83	30409	21.036	ug/l	98
48) Methyl methacrylate	7.696	41	26242	20.473	ug/l	97
49) 1,4-Dioxane	7.677	88	9568	433.180	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	165134	105.340	ug/l	99
52) Toluene	8.720	92	54839	20.088	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29632	19.774	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34543	21.640	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	21773	21.068	ug/l	99
56) Ethyl methacrylate	9.116	69	34525	21.075	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37352	21.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	89021	105.871	ug/l	99
59) 2-Hexanone	9.433	43	124295	108.401	ug/l	98
60) Dibromochloromethane	9.519	129	22679	21.327	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22979	21.045	ug/l	98
64) Tetrachloroethene	9.275	164	27338	20.127	ug/l	97
65) Chlorobenzene	10.079	112	57070	20.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21143	20.550	ug/l	100
67) Ethyl Benzene	10.195	91	102359	20.678	ug/l	97
68) m/p-Xylenes	10.305	106	79205	41.588	ug/l	99
69) o-Xylene	10.640	106	38509	20.635	ug/l	97
70) Styrene	10.659	104	63958	21.131	ug/l	98
71) Bromoform	10.799	173	14829	19.778	ug/l #	100
73) Isopropylbenzene	10.963	105	101175	20.317	ug/l	99
74) N-amyl acetate	10.841	43	39927	20.066	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27199	20.126	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	28730m	20.759	ug/l	
77) Bromobenzene	11.201	156	23519	19.869	ug/l	97
78) n-propylbenzene	11.305	91	114922	20.817	ug/l	100
79) 2-Chlorotoluene	11.366	91	69327	20.324	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	84496	20.616	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7707	19.623	ug/l	98
82) 4-Chlorotoluene	11.457	91	79103	20.672	ug/l	98
83) tert-Butylbenzene	11.713	119	79073	20.242	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	84031	20.327	ug/l	97
85) sec-Butylbenzene	11.890	105	103061	20.814	ug/l	99
86) p-Isopropyltoluene	12.012	119	87306	20.813	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44430	20.484	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44019	20.123	ug/l	97
89) n-Butylbenzene	12.335	91	73122	21.305	ug/l	99
90) Hexachloroethane	12.542	117	12521	20.652	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	43056	20.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6430	19.348	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	26943	20.398	ug/l	98
94) Hexachlorobutadiene	13.725	225	11747	21.026	ug/l	96
95) Naphthalene	13.774	128	94290	20.380	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26669	19.940	ug/l	98

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

