

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028872.D
 Acq On : 21 May 2022 00:41
 Operator : JC/MD
 Sample : VX0520WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD03

Quant Time: May 21 02:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	246666	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	416211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175781	51.987	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.980%			
35) Dibromofluoromethane	5.391	113	137893	50.567	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.140%			
50) Toluene-d8	8.653	98	490214	47.681	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.360%			
62) 4-Bromofluorobenzene	11.079	95	187300	48.775	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	57292	17.738	ug/l	100
3) Chloromethane	1.288	50	49322	16.215	ug/l	99
4) Vinyl Chloride	1.374	62	54588	16.653	ug/l	98
5) Bromomethane	1.605	94	46774	16.467	ug/l	95
6) Chloroethane	1.685	64	39549	17.733	ug/l	100
7) Trichlorofluoromethane	1.886	101	89897	17.201	ug/l	98
8) Diethyl Ether	2.130	74	31786	16.692	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	47903	17.418	ug/l	98
10) Methyl Iodide	2.453	142	47049	14.290	ug/l	92
11) Tert butyl alcohol	2.965	59	84379	113.225	ug/l	# 94
12) 1,1-Dichloroethene	2.319	96	45457	17.806	ug/l	96
13) Acrolein	2.233	56	36242	65.302	ug/l	100
14) Allyl chloride	2.666	41	71748	17.523	ug/l	91
15) Acrylonitrile	3.062	53	148549	91.186	ug/l	98
16) Acetone	2.380	43	134859	92.933	ug/l	92
17) Carbon Disulfide	2.514	76	101414	15.325	ug/l	97
18) Methyl Acetate	2.703	43	70876	19.501	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	172093	18.996	ug/l	99
20) Methylene Chloride	2.788	84	53940	17.718	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	50160	17.444	ug/l	97
22) Diisopropyl ether	3.764	45	157892	18.045	ug/l	91
23) Vinyl Acetate	3.721	43	683934	90.671	ug/l	95
24) 1,1-Dichloroethane	3.611	63	93368	18.355	ug/l	98
25) 2-Butanone	4.556	43	207875	91.261	ug/l	96
26) 2,2-Dichloropropane	4.477	77	61270	15.362	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59362	17.675	ug/l	98
28) Bromochloromethane	4.904	49	42686	19.936	ug/l	97
29) Tetrahydrofuran	5.007	42	131930	89.105	ug/l	94
30) Chloroform	5.099	83	105494	19.163	ug/l	100
31) Cyclohexane	5.471	56	78401	16.705	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	90735	18.879	ug/l	99
36) 1,1-Dichloropropene	5.696	75	71877	17.549	ug/l	99
37) Ethyl Acetate	4.715	43	78857	18.433	ug/l	99
38) Carbon Tetrachloride	5.684	117	78197	18.971	ug/l	99
39) Methylcyclohexane	7.385	83	78275	16.664	ug/l	94
40) Benzene	6.044	78	210272	17.863	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42796	18.657	ug/l	94
42) 1,2-Dichloroethane	6.092	62	86115	19.833	ug/l	96
43) Isopropyl Acetate	6.342	43	119238	17.816	ug/l	96
44) Trichloroethene	7.129	130	57064	17.875	ug/l	92
45) 1,2-Dichloropropane	7.434	63	53276	18.140	ug/l	99
46) Dibromomethane	7.586	93	39668	18.086	ug/l	93
47) Bromodichloromethane	7.824	83	76826	18.867	ug/l	99
48) Methyl methacrylate	7.696	41	60198	18.619	ug/l	89
49) 1,4-Dioxane	7.665	88	30285	374.960	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	405891	92.071	ug/l	94
52) Toluene	8.720	92	135877	17.944	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	71989	16.495	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	80531	17.576	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	57073	18.484	ug/l	98
56) Ethyl methacrylate	9.116	69	86338	18.465	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	96360	18.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	229648	100.316	ug/l	98
59) 2-Hexanone	9.433	43	313699	91.590	ug/l	90
60) Dibromochloromethane	9.525	129	57083	18.956	ug/l	95
61) 1,2-Dibromoethane	9.610	107	61114	18.845	ug/l	99
64) Tetrachloroethene	9.275	164	52413	18.524	ug/l	95
65) Chlorobenzene	10.080	112	148817	18.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55072	19.559	ug/l	98
67) Ethyl Benzene	10.195	91	263985	18.529	ug/l	100
68) m/p-Xylenes	10.305	106	201135	36.261	ug/l	95
69) o-Xylene	10.646	106	100375	18.380	ug/l	97
70) Styrene	10.659	104	164751	18.577	ug/l	97
71) Bromoform	10.799	173	37798	17.449	ug/l #	99
73) Isopropylbenzene	10.964	105	263553	18.679	ug/l	98
74) N-amyl acetate	10.848	43	96110	17.328	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	91229	18.847	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81253m	18.648	ug/l	
77) Bromobenzene	11.201	156	63227	18.939	ug/l	94
78) n-propylbenzene	11.305	91	296299	18.154	ug/l	100
79) 2-Chlorotoluene	11.366	91	184929	18.487	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	223292	18.993	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20307	16.697	ug/l #	77
82) 4-Chlorotoluene	11.457	91	213429	18.456	ug/l	98
83) tert-Butylbenzene	11.719	119	217655	19.121	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	223904	18.992	ug/l	97
85) sec-Butylbenzene	11.890	105	263831	18.790	ug/l	99
86) p-Isopropyltoluene	12.012	119	219594	18.638	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	117491	17.942	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	120416	17.729	ug/l	97
89) n-Butylbenzene	12.335	91	177667	17.404	ug/l	98
90) Hexachloroethane	12.542	117	33442	17.552	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	120385	18.714	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21598	20.897	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	71326	19.198	ug/l	98
94) Hexachlorobutadiene	13.725	225	29754	19.713	ug/l	94
95) Naphthalene	13.780	128	262370	19.845	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73492	19.695	ug/l	94

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

