

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028871.D
 Acq On : 21 May 2022 00:18
 Operator : JC/MD
 Sample : VX0520WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBS03

Quant Time: May 21 02:10:11 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	252425	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	423698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187273	54.123	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.240%			
35) Dibromofluoromethane	5.391	113	147522	53.142	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.280%			
50) Toluene-d8	8.653	98	526976	50.351	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.700%			
62) 4-Bromofluorobenzene	11.079	95	207822	53.163	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59684	18.057	ug/l	100
3) Chloromethane	1.288	50	50759	16.307	ug/l	97
4) Vinyl Chloride	1.374	62	56769	16.923	ug/l	100
5) Bromomethane	1.599	94	48822	16.920	ug/l	97
6) Chloroethane	1.685	64	39703	17.352	ug/l	98
7) Trichlorofluoromethane	1.886	101	91751	17.156	ug/l	98
8) Diethyl Ether	2.130	74	32247	16.548	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	49047	17.427	ug/l	96
10) Methyl Iodide	2.453	142	46024	13.659	ug/l	93
11) Tert butyl alcohol	2.959	59	87760	115.210	ug/l	# 94
12) 1,1-Dichloroethene	2.319	96	44941	17.202	ug/l	94
13) Acrolein	2.233	56	35749	62.944	ug/l	98
14) Allyl chloride	2.666	41	71797	17.135	ug/l	92
15) Acrylonitrile	3.062	53	151971	91.158	ug/l	99
16) Acetone	2.380	43	138488	93.257	ug/l	# 87
17) Carbon Disulfide	2.514	76	102483	15.133	ug/l	98
18) Methyl Acetate	2.703	43	69717	18.744	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	174915	18.867	ug/l	98
20) Methylene Chloride	2.788	84	54957	17.640	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	51030	17.341	ug/l	98
22) Diisopropyl ether	3.763	45	161600	18.048	ug/l	# 88
23) Vinyl Acetate	3.721	43	691680	89.606	ug/l	96
24) 1,1-Dichloroethane	3.611	63	95288	18.305	ug/l	99
25) 2-Butanone	4.556	43	211681	90.811	ug/l	96
26) 2,2-Dichloropropane	4.477	77	60848	14.908	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	61522	17.900	ug/l	99
28) Bromochloromethane	4.897	49	37936	17.314	ug/l	98
29) Tetrahydrofuran	5.007	42	132922	87.727	ug/l	93
30) Chloroform	5.099	83	107278	19.042	ug/l	96
31) Cyclohexane	5.470	56	79294	16.510	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	91250	18.553	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73110	17.534	ug/l	99
37) Ethyl Acetate	4.715	43	78536	18.034	ug/l	99
38) Carbon Tetrachloride	5.678	117	79371	18.915	ug/l	99
39) Methylcyclohexane	7.385	83	82548	17.264	ug/l	93
40) Benzene	6.044	78	213780	17.840	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43359	18.569	ug/l	92
42) 1,2-Dichloroethane	6.092	62	86387	19.544	ug/l	98
43) Isopropyl Acetate	6.342	43	122546	17.987	ug/l	95
44) Trichloroethene	7.129	130	59034	18.165	ug/l	95
45) 1,2-Dichloropropane	7.434	63	55243	18.477	ug/l	100
46) Dibromomethane	7.586	93	40284	18.042	ug/l	94
47) Bromodichloromethane	7.824	83	78148	18.852	ug/l	99
48) Methyl methacrylate	7.696	41	61109	18.567	ug/l	87
49) 1,4-Dioxane	7.665	88	31144	378.781	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	413059	92.041	ug/l	94
52) Toluene	8.720	92	140125	18.178	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72585	16.353	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80611	17.283	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	58023	18.459	ug/l	97
56) Ethyl methacrylate	9.116	69	86409	18.153	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	98811	18.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	212997	91.398	ug/l	97
59) 2-Hexanone	9.433	43	322522	92.502	ug/l	91
60) Dibromochloromethane	9.525	129	58065	18.941	ug/l	95
61) 1,2-Dibromoethane	9.610	107	61320	18.574	ug/l	99
64) Tetrachloroethene	9.275	164	53943	18.459	ug/l	95
65) Chlorobenzene	10.079	112	151364	18.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56493	19.426	ug/l	97
67) Ethyl Benzene	10.195	91	270507	18.384	ug/l	99
68) m/p-Xylenes	10.305	106	209766	36.616	ug/l	97
69) o-Xylene	10.640	106	103828	18.408	ug/l	97
70) Styrene	10.659	104	170714	18.638	ug/l	96
71) Bromoform	10.799	173	39129	17.485	ug/l #	99
73) Isopropylbenzene	10.963	105	271780	18.219	ug/l	99
74) N-amyl acetate	10.848	43	99901	17.036	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	94964	18.556	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84103m	18.256	ug/l	
77) Bromobenzene	11.201	156	65360	18.517	ug/l	94
78) n-propylbenzene	11.305	91	308471	17.877	ug/l	100
79) 2-Chlorotoluene	11.366	91	194435	18.384	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	233340	18.772	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19647	15.608	ug/l #	73
82) 4-Chlorotoluene	11.457	91	223565	18.285	ug/l	98
83) tert-Butylbenzene	11.719	119	228860	19.016	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	231225	18.550	ug/l	99
85) sec-Butylbenzene	11.890	105	275907	18.586	ug/l	99
86) p-Isopropyltoluene	12.012	119	232197	18.640	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	123460	17.833	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	126370	17.598	ug/l	96
89) n-Butylbenzene	12.335	91	187818	17.401	ug/l	98
90) Hexachloroethane	12.542	117	34518	17.135	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	127207	18.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21229	19.427	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	74298	18.914	ug/l	98
94) Hexachlorobutadiene	13.725	225	29734	18.632	ug/l	95
95) Naphthalene	13.774	128	262989	18.814	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73154	18.542	ug/l	96

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

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