

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031952.D
 Acq On : 07 Oct 2022 11:14
 Operator : JC/MD
 Sample : VX1007WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 05:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	71492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71306	48.295	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.600%		
35) Dibromofluoromethane	5.385	113	61594	50.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	8.647	98	220925	50.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	80208	51.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22861	21.487	ug/l	99
3) Chloromethane	1.288	50	21089	18.928	ug/l	98
4) Vinyl Chloride	1.368	62	24560	18.863	ug/l	98
5) Bromomethane	1.611	94	17870	18.955	ug/l	98
6) Chloroethane	1.685	64	21317	19.239	ug/l	100
7) Trichlorofluoromethane	1.886	101	45981	19.646	ug/l	99
8) Diethyl Ether	2.130	74	15664	19.635	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	23741	20.069	ug/l	92
10) Methyl Iodide	2.447	142	16318	15.564	ug/l	98
11) Tert butyl alcohol	2.995	59	19580	106.589	ug/l	96
12) 1,1-Dichloroethene	2.319	96	20926	19.216	ug/l	89
13) Acrolein	2.239	56	9425	78.277	ug/l	98
14) Allyl chloride	2.660	41	30163	19.467	ug/l	98
15) Acrylonitrile	3.068	53	57509	98.206	ug/l	98
16) Acetone	2.386	43	46209	92.088	ug/l	98
17) Carbon Disulfide	2.508	76	44077	18.849	ug/l	97
18) Methyl Acetate	2.703	43	32447	19.598	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	72051	19.717	ug/l	95
20) Methylene Chloride	2.788	84	24398	18.503	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	23562	19.538	ug/l	91
22) Diisopropyl ether	3.757	45	68996	19.808	ug/l	91
23) Vinyl Acetate	3.721	43	265465	101.956	ug/l	95
24) 1,1-Dichloroethane	3.605	63	40653	19.469	ug/l	97
25) 2-Butanone	4.562	43	76747	97.840	ug/l	97
26) 2,2-Dichloropropane	4.471	77	30150	20.103	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	27980	19.391	ug/l	88
28) Bromochloromethane	4.897	49	18991	21.249	ug/l	84
29) Tetrahydrofuran	5.007	42	48898	96.613	ug/l	93
30) Chloroform	5.092	83	46239	19.881	ug/l	94
31) Cyclohexane	5.470	56	35370	20.053	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40449	20.466	ug/l	97
36) 1,1-Dichloropropene	5.690	75	32098	19.861	ug/l	96
37) Ethyl Acetate	4.714	43	29948	19.683	ug/l	98
38) Carbon Tetrachloride	5.678	117	34435	20.838	ug/l	99
39) Methylcyclohexane	7.379	83	39995	20.747	ug/l	94
40) Benzene	6.037	78	96461	20.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15640	19.767	ug/l	91
42) 1,2-Dichloroethane	6.086	62	35040	20.319	ug/l	97
43) Isopropyl Acetate	6.336	43	47546	20.596	ug/l	97
44) Trichloroethene	7.123	130	27821	20.049	ug/l	96
45) 1,2-Dichloropropane	7.434	63	23669	20.351	ug/l	90
46) Dibromomethane	7.580	93	18233	20.229	ug/l	92
47) Bromodichloromethane	7.824	83	33080	21.245	ug/l	98
48) Methyl methacrylate	7.690	41	22893	20.753	ug/l	92
49) 1,4-Dioxane	7.696	88	10585	381.417	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	159983	104.576	ug/l	97
52) Toluene	8.720	92	64736	20.921	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	31480	19.535	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	36006	21.353	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	26077	19.968	ug/l	99
56) Ethyl methacrylate	9.116	69	35516	21.216	ug/l	95
57) 1,3-Dichloropropane	9.305	76	43146	20.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	92158	106.648	ug/l	93
59) 2-Hexanone	9.433	43	118005	104.614	ug/l	97
60) Dibromochloromethane	9.518	129	26087	21.827	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27430	20.886	ug/l	99
64) Tetrachloroethene	9.275	164	28141	21.193	ug/l	97
65) Chlorobenzene	10.079	112	71315	20.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	25661	20.810	ug/l	97
67) Ethyl Benzene	10.195	91	122893	20.384	ug/l	99
68) m/p-Xylenes	10.299	106	98024	40.914	ug/l	98
69) o-Xylene	10.640	106	48745	20.932	ug/l	93
70) Styrene	10.659	104	77447	20.804	ug/l	98
71) Bromoform	10.799	173	16676	20.657	ug/l #	97
73) Isopropylbenzene	10.963	105	126309	20.817	ug/l	100
74) N-amyl acetate	10.841	43	39556	21.348	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	37925	19.672	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33791m	20.494	ug/l	
77) Bromobenzene	11.201	156	30395	20.336	ug/l	95
78) n-propylbenzene	11.305	91	144214	20.896	ug/l	100
79) 2-Chlorotoluene	11.366	91	84945	20.453	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107075	21.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8018	19.611	ug/l #	85
82) 4-Chlorotoluene	11.457	91	97166	20.428	ug/l	98
83) tert-Butylbenzene	11.713	119	100438	20.166	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104874	20.514	ug/l	99
85) sec-Butylbenzene	11.890	105	129803	21.050	ug/l	99
86) p-Isopropyltoluene	12.012	119	111786	21.532	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	58144	20.431	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58410	19.940	ug/l	99
89) n-Butylbenzene	12.335	91	92414	21.256	ug/l	99
90) Hexachloroethane	12.542	117	15724	19.856	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	57814	20.433	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6886	19.513	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	35743	20.814	ug/l	99
94) Hexachlorobutadiene	13.725	225	14274	20.551	ug/l	98
95) Naphthalene	13.774	128	124775	21.204	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37579	21.573	ug/l	96

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

