

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032723.D
 Acq On : 10 Nov 2022 13:14
 Operator : JC/MD
 Sample : VX1110WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 00:35:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76310	49.531	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.060%		
35) Dibromofluoromethane	5.391	113	60841	49.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	204351	47.692	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	83218	49.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24652	19.277	ug/l	93
3) Chloromethane	1.294	50	19377	17.916	ug/l	99
4) Vinyl Chloride	1.374	62	22134	18.596	ug/l	100
5) Bromomethane	1.611	94	18736	19.697	ug/l	99
6) Chloroethane	1.685	64	14690	18.397	ug/l	98
7) Trichlorofluoromethane	1.886	101	44267	19.628	ug/l	97
8) Diethyl Ether	2.130	74	14612	19.993	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	24426	20.520	ug/l	99
10) Methyl Iodide	2.453	142	21127	17.262	ug/l	98
11) Tert butyl alcohol	2.971	59	20367	90.826	ug/l	100
12) 1,1-Dichloroethene	2.319	96	20986	18.873	ug/l	93
13) Acrolein	2.239	56	15794	70.552	ug/l	100
14) Allyl chloride	2.666	41	34482	19.453	ug/l	98
15) Acrylonitrile	3.062	53	56626	93.047	ug/l	100
16) Acetone	2.380	43	52612	93.957	ug/l	97
17) Carbon Disulfide	2.514	76	41086	15.512	ug/l	100
18) Methyl Acetate	2.703	43	38878	21.351	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	80306	20.548	ug/l	98
20) Methylene Chloride	2.788	84	25083	19.537	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22881	18.904	ug/l	93
22) Diisopropyl ether	3.757	45	77781	20.287	ug/l #	85
23) Vinyl Acetate	3.721	43	296402	95.686	ug/l	98
24) 1,1-Dichloroethane	3.611	63	44391	20.129	ug/l	100
25) 2-Butanone	4.562	43	79611	91.767	ug/l	98
26) 2,2-Dichloropropane	4.471	77	36599	20.877	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	28576	20.425	ug/l	100
28) Bromochloromethane	4.904	49	14905	18.974	ug/l	99
29) Tetrahydrofuran	5.013	42	49811	90.042	ug/l	99
30) Chloroform	5.099	83	49930	20.633	ug/l	97
31) Cyclohexane	5.471	56	35144	18.813	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	43737	20.141	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33496	19.520	ug/l	99
37) Ethyl Acetate	4.715	43	31846	17.829	ug/l	99
38) Carbon Tetrachloride	5.684	117	37066	19.475	ug/l	98
39) Methylcyclohexane	7.385	83	36922	18.186	ug/l	97
40) Benzene	6.037	78	96585	19.890	ug/l	98

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41) Methacrylonitrile	4.922	41	17179	18.880	ug/l	98
42) 1,2-Dichloroethane	6.086	62	40743	20.526	ug/l	99
43) Isopropyl Acetate	6.342	43	54179	19.755	ug/l	99
44) Trichloroethene	7.129	130	26451	19.350	ug/l	93
45) 1,2-Dichloropropane	7.434	63	24932	20.001	ug/l	100
46) Dibromomethane	7.580	93	18897	19.767	ug/l	99
47) Bromodichloromethane	7.824	83	35816	19.768	ug/l	99
48) Methyl methacrylate	7.696	41	27075	19.115	ug/l	99
49) 1,4-Dioxane	7.677	88	9591	355.314	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	166690	96.496	ug/l	100
52) Toluene	8.720	92	63610	20.078	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	37027	20.030	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	39008	19.729	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27161	20.357	ug/l	98
56) Ethyl methacrylate	9.116	69	37781	19.677	ug/l	96
57) 1,3-Dichloropropane	9.311	76	43374	20.130	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	90639	98.038	ug/l	99
59) 2-Hexanone	9.433	43	121853	95.066	ug/l	99
60) Dibromochloromethane	9.519	129	27490	18.863	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28092	19.871	ug/l	99
64) Tetrachloroethene	9.275	164	23207	20.253	ug/l	97
65) Chlorobenzene	10.079	112	70339	20.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	26604	20.157	ug/l	99
67) Ethyl Benzene	10.195	91	125856	20.069	ug/l	100
68) m/p-Xylenes	10.305	106	97681	40.114	ug/l	100
69) o-Xylene	10.640	106	47546	20.082	ug/l	99
70) Styrene	10.659	104	79031	20.085	ug/l	99
71) Bromoform	10.799	173	18427	17.658	ug/l #	99
73) Isopropylbenzene	10.963	105	127498	20.278	ug/l	99
74) N-amyl acetate	10.841	43	46855	19.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39479	19.562	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	35390m	20.049	ug/l	
77) Bromobenzene	11.201	156	31532	20.457	ug/l	99
78) n-propylbenzene	11.305	91	146443	20.216	ug/l	100
79) 2-Chlorotoluene	11.366	91	89071	20.532	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	109269	20.335	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10090	18.189	ug/l	96
82) 4-Chlorotoluene	11.457	91	102290	20.151	ug/l	99
83) tert-Butylbenzene	11.713	119	110598	20.616	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	112144	20.983	ug/l	98
85) sec-Butylbenzene	11.890	105	129920	20.126	ug/l	100
86) p-Isopropyltoluene	12.012	119	110766	20.222	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59690	20.529	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	59613	19.763	ug/l	99
89) n-Butylbenzene	12.335	91	94399	19.810	ug/l	98
90) Hexachloroethane	12.536	117	16524	18.469	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	57972	20.220	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7810	17.650	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	36237	19.385	ug/l	99
94) Hexachlorobutadiene	13.725	225	14800	18.957	ug/l	98
95) Naphthalene	13.774	128	121347	19.481	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36669	19.297	ug/l	99

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

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