

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032384.D
 Acq On : 25 Oct 2022 23:23
 Operator : JC/MD
 Sample : VX1025WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS02

Quant Time: Oct 27 14:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80996	51.050	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.100%			
35) Dibromofluoromethane	5.385	113	65946	48.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.360%			
50) Toluene-d8	8.647	98	229680	47.099	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.200%			
62) 4-Bromofluorobenzene	11.079	95	86807	48.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	20326	18.217	ug/l	94
3) Chloromethane	1.295	50	19481	16.774	ug/l	94
4) Vinyl Chloride	1.374	62	21859	18.190	ug/l	99
5) Bromomethane	1.612	94	20919	16.626	ug/l	96
6) Chloroethane	1.685	64	14805	14.122	ug/l	95
7) Trichlorofluoromethane	1.886	101	42881	20.073	ug/l	99
8) Diethyl Ether	2.136	74	14733	20.294	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	22563	19.481	ug/l	97
10) Methyl Iodide	2.453	142	21011	12.554	ug/l	98
11) Tert butyl alcohol	2.971	59	24502	95.373	ug/l	96
12) 1,1-Dichloroethene	2.319	96	20368	18.710	ug/l	87
13) Acrolein	2.233	56	14349	74.293	ug/l	99
14) Allyl chloride	2.666	41	33574	19.637	ug/l	99
15) Acrylonitrile	3.063	53	62527	105.079	ug/l	99
16) Acetone	2.380	43	57277	111.244	ug/l	98
17) Carbon Disulfide	2.514	76	41748	16.381	ug/l	98
18) Methyl Acetate	2.703	43	38682	22.129	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	77216	20.584	ug/l	96
20) Methylene Chloride	2.788	84	25811	19.523	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	22484	18.963	ug/l	96
22) Diisopropyl ether	3.758	45	75740	20.230	ug/l	94
23) Vinyl Acetate	3.721	43	298633	99.796	ug/l	100
24) 1,1-Dichloroethane	3.611	63	44598	20.616	ug/l	99
25) 2-Butanone	4.556	43	86093	107.098	ug/l	99
26) 2,2-Dichloropropane	4.477	77	26943	17.287	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	27797	20.023	ug/l	99
28) Bromochloromethane	4.904	49	17256	19.335	ug/l	100
29) Tetrahydrofuran	5.001	42	54471	104.914	ug/l	98
30) Chloroform	5.099	83	48852	20.748	ug/l	99
31) Cyclohexane	5.477	56	33922	18.702	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	42120	20.978	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32699	18.764	ug/l	99
37) Ethyl Acetate	4.715	43	35105	20.575	ug/l	98
38) Carbon Tetrachloride	5.678	117	36506	19.844	ug/l	96
39) Methylcyclohexane	7.385	83	37054	17.799	ug/l	97
40) Benzene	6.038	78	97300	19.265	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18684	20.767	ug/l	98
42) 1,2-Dichloroethane	6.092	62	40293	20.828	ug/l	98
43) Isopropyl Acetate	6.336	43	54156	20.223	ug/l	100
44) Trichloroethene	7.129	130	26815	19.280	ug/l	100
45) 1,2-Dichloropropane	7.434	63	25634	20.119	ug/l	99
46) Dibromomethane	7.586	93	19275	20.283	ug/l	98
47) Bromodichloromethane	7.824	83	37293	21.244	ug/l	96
48) Methyl methacrylate	7.696	41	27713	20.750	ug/l	100
49) 1,4-Dioxane	7.684	88	11990	447.335	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	180519	107.536	ug/l	100
52) Toluene	8.720	92	62086	18.976	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	34156	18.457	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	38256	19.558	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26761	20.135	ug/l	99
56) Ethyl methacrylate	9.116	69	38942	20.344	ug/l	100
57) 1,3-Dichloropropane	9.311	76	43622	20.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	83601	95.283	ug/l	100
59) 2-Hexanone	9.433	43	133681	106.726	ug/l	100
60) Dibromochloromethane	9.525	129	28444	20.881	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27834	19.755	ug/l	99
64) Tetrachloroethene	9.275	164	22226	19.078	ug/l	97
65) Chlorobenzene	10.080	112	69313	19.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26108	20.171	ug/l	100
67) Ethyl Benzene	10.195	91	124510	19.442	ug/l	98
68) m/p-Xylenes	10.305	106	94958	37.546	ug/l	98
69) o-Xylene	10.640	106	46784	19.309	ug/l	98
70) Styrene	10.659	104	77144	18.881	ug/l	98
71) Bromoform	10.799	173	20309	19.844	ug/l #	99
73) Isopropylbenzene	10.964	105	125340	20.249	ug/l	99
74) N-amyl acetate	10.842	43	48017	20.997	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	41800	21.004	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36010m	20.949	ug/l	
77) Bromobenzene	11.201	156	30796	20.297	ug/l	99
78) n-propylbenzene	11.305	91	145126	20.475	ug/l	99
79) 2-Chlorotoluene	11.366	91	86677	20.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	108126	20.223	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9625	19.394	ug/l	94
82) 4-Chlorotoluene	11.457	91	99275	19.961	ug/l	100
83) tert-Butylbenzene	11.713	119	108243	20.234	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	107292	20.640	ug/l	100
85) sec-Butylbenzene	11.890	105	130565	20.195	ug/l	99
86) p-Isopropyltoluene	12.012	119	110230	20.038	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	58661	20.087	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	58021	19.341	ug/l	99
89) n-Butylbenzene	12.335	91	92320	19.054	ug/l	98
90) Hexachloroethane	12.536	117	17459	20.453	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	58723	20.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8712	22.914	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	35642	19.097	ug/l	98
94) Hexachlorobutadiene	13.725	225	14984	18.498	ug/l	96
95) Naphthalene	13.774	128	124826	20.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36882	19.647	ug/l	99

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

