

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033124.D
 Acq On : 30 Nov 2022 11:08
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 00:17:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	126087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58146	47.007	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.385	113	50792	45.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.420%		
50) Toluene-d8	8.647	98	151160	44.481	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.960%#		
62) 4-Bromofluorobenzene	11.079	95	66190	44.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	16131	16.746	ug/l	97
3) Chloromethane	1.295	50	17184	16.524	ug/l	99
4) Vinyl Chloride	1.374	62	20499	17.703	ug/l	98
5) Bromomethane	1.618	94	14000	16.305	ug/l	98
6) Chloroethane	1.691	64	15658	16.611	ug/l	97
7) Trichlorofluoromethane	1.892	101	44223	19.678	ug/l	96
8) Diethyl Ether	2.130	74	14277	20.179	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	22551	19.092	ug/l	99
10) Methyl Iodide	2.453	142	17308	12.800	ug/l	99
11) Tert butyl alcohol	3.020	59	19272m	99.011	ug/l	
12) 1,1-Dichloroethene	2.319	96	20462	18.596	ug/l	95
13) Acrolein	2.239	56	19975	89.342	ug/l	100
14) Allyl chloride	2.666	41	32526	18.310	ug/l	98
15) Acrylonitrile	3.069	53	51887	94.246	ug/l	99
16) Acetone	2.398	43	54205	94.524	ug/l	97
17) Carbon Disulfide	2.514	76	49075	16.143	ug/l	98
18) Methyl Acetate	2.709	43	30714	19.349	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	71419	18.716	ug/l	96
20) Methylene Chloride	2.788	84	23104	18.547	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22389	17.788	ug/l	98
22) Diisopropyl ether	3.757	45	73882	19.100	ug/l	89
23) Vinyl Acetate	3.721	43	284122	93.837	ug/l	99
24) 1,1-Dichloroethane	3.611	63	41817	18.892	ug/l	99
25) 2-Butanone	4.568	43	75252	95.166	ug/l	99
26) 2,2-Dichloropropane	4.477	77	33593	18.875	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26718	18.683	ug/l	98
28) Bromochloromethane	4.898	49	19207	19.748	ug/l	99
29) Tetrahydrofuran	5.013	42	46241	92.158	ug/l	99
30) Chloroform	5.093	83	47693	19.238	ug/l	99
31) Cyclohexane	5.471	56	36750	18.471	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	42670	19.219	ug/l	99
36) 1,1-Dichloropropene	5.690	75	33131	18.444	ug/l	99
37) Ethyl Acetate	4.715	43	28752	18.346	ug/l	99
38) Carbon Tetrachloride	5.672	117	38065	19.102	ug/l	97
39) Methylcyclohexane	7.379	83	38755	18.909	ug/l	99
40) Benzene	6.038	78	94839	18.830	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17255	19.567	ug/l	96
42) 1,2-Dichloroethane	6.086	62	39582	19.519	ug/l	100
43) Isopropyl Acetate	6.336	43	49888	19.248	ug/l	99
44) Trichloroethene	7.123	130	26638	18.848	ug/l	97
45) 1,2-Dichloropropane	7.428	63	24458	19.650	ug/l	96
46) Dibromomethane	7.580	93	18490	19.038	ug/l	97
47) Bromodichloromethane	7.818	83	37355	19.905	ug/l	98
48) Methyl methacrylate	7.690	41	25891	19.407	ug/l	99
49) 1,4-Dioxane	7.714	88	10115	411.880	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	159263	99.581	ug/l	99
52) Toluene	8.720	92	62886	18.979	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36703	19.167	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	39467	19.508	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	25804	19.128	ug/l	95
56) Ethyl methacrylate	9.116	69	36377	19.571	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41822	19.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	73884	83.708	ug/l	99
59) 2-Hexanone	9.427	43	119766	101.372	ug/l	99
60) Dibromochloromethane	9.519	129	28802	19.830	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27022	18.977	ug/l	98
64) Tetrachloroethene	9.275	164	23440	18.325	ug/l	97
65) Chlorobenzene	10.080	112	69357	19.251	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	26494	20.069	ug/l	99
67) Ethyl Benzene	10.195	91	125475	19.633	ug/l	99
68) m/p-Xylenes	10.299	106	96116	38.406	ug/l	98
69) o-Xylene	10.640	106	47575	19.647	ug/l	98
70) Styrene	10.653	104	77596	19.587	ug/l	99
71) Bromoform	10.799	173	19768	19.531	ug/l #	97
73) Isopropylbenzene	10.964	105	126172	19.177	ug/l	100
74) N-amyl acetate	10.842	43	43143	19.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37965	19.119	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34956m	20.047	ug/l	
77) Bromobenzene	11.201	156	30700	18.973	ug/l	100
78) n-propylbenzene	11.305	91	146894	19.527	ug/l	99
79) 2-Chlorotoluene	11.366	91	87495	19.150	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	107321	19.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9934	18.518	ug/l	91
82) 4-Chlorotoluene	11.457	91	101319	18.924	ug/l	100
83) tert-Butylbenzene	11.713	119	105443	19.165	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	107473	19.501	ug/l	99
85) sec-Butylbenzene	11.890	105	128673	19.549	ug/l	99
86) p-Isopropyltoluene	12.012	119	109232	19.587	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	57708	19.014	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	58892	18.947	ug/l	99
89) n-Butylbenzene	12.335	91	94022	19.571	ug/l	99
90) Hexachloroethane	12.536	117	17681	19.298	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	57785	19.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8170	20.621	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	34628	19.028	ug/l	99
94) Hexachlorobutadiene	13.725	225	14914	18.575	ug/l	98
95) Naphthalene	13.774	128	113658	19.305	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35222	19.300	ug/l	99

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

