

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033383.D
 Acq On : 13 Dec 2022 11:36
 Operator : JC/MD
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Quant Time: Dec 14 05:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40146	45.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.540%		
35) Dibromofluoromethane	5.385	113	46558	48.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.680%		
50) Toluene-d8	8.647	98	99156	49.722	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.440%		
62) 4-Bromofluorobenzene	11.079	95	78080	51.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17983	18.622	ug/l	98
3) Chloromethane	1.294	50	18478	16.549	ug/l	100
4) Vinyl Chloride	1.374	62	21197	16.627	ug/l	97
5) Bromomethane	1.617	94	15227	16.275	ug/l	100
6) Chloroethane	1.691	64	16429	16.989	ug/l	98
7) Trichlorofluoromethane	1.892	101	45933	19.191	ug/l	99
8) Diethyl Ether	2.136	74	14877	17.209	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	24658	19.421	ug/l	99
10) Methyl Iodide	2.453	142	20807	14.963	ug/l	98
11) Tert butyl alcohol	3.001	59	22866m	84.332	ug/l	
12) 1,1-Dichloroethene	2.325	96	22963	18.322	ug/l	98
13) Acrolein	2.239	56	28490	96.882	ug/l	100
14) Allyl chloride	2.666	41	33953	16.965	ug/l	97
15) Acrylonitrile	3.068	53	55130	82.081	ug/l	99
16) Acetone	2.392	43	63966	97.471	ug/l	99
17) Carbon Disulfide	2.514	76	54993	17.097	ug/l	99
18) Methyl Acetate	2.703	43	31191	16.418	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	78106	17.992	ug/l	99
20) Methylene Chloride	2.794	84	24776	16.929	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	24717	18.029	ug/l	98
22) Diisopropyl ether	3.757	45	76529	17.847	ug/l #	86
23) Vinyl Acetate	3.721	43	282626	84.917	ug/l	99
24) 1,1-Dichloroethane	3.611	63	44773	17.771	ug/l	99
25) 2-Butanone	4.568	43	82611	87.697	ug/l	100
26) 2,2-Dichloropropane	4.477	77	35485	19.152	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	29510	18.011	ug/l	97
28) Bromochloromethane	4.897	49	20141	19.097	ug/l	90
29) Tetrahydrofuran	5.013	42	48863	80.061	ug/l	98
30) Chloroform	5.092	83	50969	18.222	ug/l	100
31) Cyclohexane	5.470	56	38280	18.162	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	46372	19.269	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35626	19.168	ug/l	99
37) Ethyl Acetate	4.708	43	29989	17.069	ug/l	98
38) Carbon Tetrachloride	5.684	117	41071	19.723	ug/l	100
39) Methylcyclohexane	7.379	83	41322	19.863	ug/l	98
40) Benzene	6.037	78	102354	18.888	ug/l	99

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41) Methacrylonitrile	4.922	41	17004	17.564	ug/l	96
42) 1,2-Dichloroethane	6.086	62	40013	18.594	ug/l	98
43) Isopropyl Acetate	6.342	43	49125	17.378	ug/l	98
44) Trichloroethene	7.129	130	29228	19.562	ug/l	96
45) 1,2-Dichloropropane	7.434	63	25687	18.535	ug/l	99
46) Dibromomethane	7.580	93	19804	18.758	ug/l	99
47) Bromodichloromethane	7.824	83	39403	19.147	ug/l	100
48) Methyl methacrylate	7.696	41	25548	17.511	ug/l	95
49) 1,4-Dioxane	7.714	88	12275	368.966	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	159453	89.196	ug/l	97
52) Toluene	8.720	92	68446	19.535	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	37586	18.655	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	40963	18.705	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	27739	18.834	ug/l	98
56) Ethyl methacrylate	9.116	69	38524	18.578	ug/l	92
57) 1,3-Dichloropropane	9.305	76	44578	18.841	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	80832	85.192	ug/l	97
59) 2-Hexanone	9.427	43	121522	92.245	ug/l	97
60) Dibromochloromethane	9.519	129	31662	19.512	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29377	18.752	ug/l	100
64) Tetrachloroethene	9.275	164	26205	19.742	ug/l	96
65) Chlorobenzene	10.079	112	75401	19.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29227	19.675	ug/l	98
67) Ethyl Benzene	10.195	91	135049	19.721	ug/l	99
68) m/p-Xylenes	10.299	106	103865	38.983	ug/l	99
69) o-Xylene	10.640	106	50329	19.110	ug/l	99
70) Styrene	10.652	104	84096	19.497	ug/l	99
71) Bromoform	10.799	173	21855	18.587	ug/l #	99
73) Isopropylbenzene	10.963	105	135879	19.126	ug/l	99
74) N-amyl acetate	10.841	43	41958	17.310	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	40757	18.083	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36618m	18.362	ug/l	
77) Bromobenzene	11.195	156	33297	18.560	ug/l	99
78) n-propylbenzene	11.305	91	151344	19.078	ug/l	99
79) 2-Chlorotoluene	11.366	91	93147	19.000	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	113771	19.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10412	16.241	ug/l	98
82) 4-Chlorotoluene	11.457	91	104770	18.378	ug/l	98
83) tert-Butylbenzene	11.713	119	110964	18.816	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	114566	19.407	ug/l	99
85) sec-Butylbenzene	11.890	105	135589	19.706	ug/l	100
86) p-Isopropyltoluene	12.006	119	114068	19.229	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	61398	18.893	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	62744	18.902	ug/l	99
89) n-Butylbenzene	12.335	91	93471	19.238	ug/l	99
90) Hexachloroethane	12.536	117	18340	18.189	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60827	18.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8379	17.211	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	36542	18.623	ug/l	97
94) Hexachlorobutadiene	13.725	225	15616	19.874	ug/l	98
95) Naphthalene	13.774	128	119904	18.319	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36089	18.159	ug/l	99

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

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