

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035471.D
 Acq On : 02 May 2023 12:06
 Operator : JC/MD
 Sample : VX0502WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

Quant Time: May 03 03:14:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	252421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	389892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151212	49.654	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.300%		
35) Dibromofluoromethane	5.385	113	124177	51.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.780%		
50) Toluene-d8	8.647	98	456738	50.595	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.180%		
62) 4-Bromofluorobenzene	11.079	95	174634	51.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48796	18.269	ug/l	99
3) Chloromethane	1.294	50	39245	16.152	ug/l	98
4) Vinyl Chloride	1.374	62	40831	16.755	ug/l	98
5) Bromomethane	1.617	94	25814	15.937	ug/l	93
6) Chloroethane	1.691	64	23495	16.485	ug/l	98
7) Trichlorofluoromethane	1.892	101	67807	17.793	ug/l	99
8) Diethyl Ether	2.130	74	23956	17.241	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46877	18.417	ug/l	94
10) Methyl Iodide	2.453	142	48030	14.952	ug/l	97
11) Tert butyl alcohol	2.989	59	45558	82.162	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	42419	17.302	ug/l	98
13) Acrolein	2.239	56	54235	99.459	ug/l	98
14) Allyl chloride	2.666	41	73917	17.133	ug/l	98
15) Acrylonitrile	3.062	53	125573	90.546	ug/l	99
16) Acetone	2.386	43	121236	91.663	ug/l	97
17) Carbon Disulfide	2.514	76	94969	16.159	ug/l	99
18) Methyl Acetate	2.703	43	94277	18.433	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	161130	19.157	ug/l	97
20) Methylene Chloride	2.788	84	51596	17.013	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	46557	17.485	ug/l	97
22) Diisopropyl ether	3.757	45	155128	18.170	ug/l	94
23) Vinyl Acetate	3.721	43	547604	93.312	ug/l	97
24) 1,1-Dichloroethane	3.611	63	87413	18.177	ug/l	100
25) 2-Butanone	4.556	43	170261	88.195	ug/l	95
26) 2,2-Dichloropropane	4.477	77	71547	18.990	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	55471	17.723	ug/l	95
28) Bromochloromethane	4.897	49	42006	20.497	ug/l #	81
29) Tetrahydrofuran	5.007	42	105179	84.990	ug/l	93
30) Chloroform	5.086	83	91895	18.929	ug/l	97
31) Cyclohexane	5.464	56	73253	16.957	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	79050	18.580	ug/l	97
36) 1,1-Dichloropropene	5.690	75	67447	18.050	ug/l	99
37) Ethyl Acetate	4.714	43	65115	19.080	ug/l	97
38) Carbon Tetrachloride	5.672	117	68402	19.283	ug/l	94
39) Methylcyclohexane	7.379	83	82650	18.171	ug/l	97
40) Benzene	6.031	78	196510	18.333	ug/l	98

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41) Methacrylonitrile	4.916	41	37328	19.089	ug/l	96
42) 1,2-Dichloroethane	6.080	62	73212	19.156	ug/l	97
43) Isopropyl Acetate	6.336	43	108692	18.954	ug/l #	93
44) Trichloroethene	7.122	130	55321	18.734	ug/l	95
45) 1,2-Dichloropropane	7.427	63	51393	19.018	ug/l	94
46) Dibromomethane	7.586	93	34951	18.834	ug/l	90
47) Bromodichloromethane	7.817	83	68071	19.909	ug/l	99
48) Methyl methacrylate	7.689	41	54096	19.231	ug/l	92
49) 1,4-Dioxane	7.696	88	23739	346.219	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	334514	94.949	ug/l	95
52) Toluene	8.714	92	126489	18.616	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	73321	20.534	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80727	20.002	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	52478	19.374	ug/l	98
56) Ethyl methacrylate	9.116	69	81099	20.099	ug/l	89
57) 1,3-Dichloropropane	9.305	76	90164	19.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	166395	82.474	ug/l	94
59) 2-Hexanone	9.427	43	248615	93.933	ug/l	93
60) Dibromochloromethane	9.518	129	53873	20.759	ug/l	96
61) 1,2-Dibromoethane	9.610	107	55290	19.801	ug/l	100
64) Tetrachloroethene	9.275	164	49902	19.088	ug/l	97
65) Chlorobenzene	10.079	112	138640	18.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50726	19.731	ug/l	99
67) Ethyl Benzene	10.195	91	245853	19.218	ug/l	97
68) m/p-Xylenes	10.299	106	190492	38.861	ug/l	98
69) o-Xylene	10.640	106	93174	19.384	ug/l	100
70) Styrene	10.652	104	153542	19.701	ug/l	98
71) Bromoform	10.799	173	36497	20.410	ug/l #	99
73) Isopropylbenzene	10.963	105	247402	20.013	ug/l	100
74) N-amyl acetate	10.841	43	91498	19.696	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	75533	19.686	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	62132m	18.418	ug/l	
77) Bromobenzene	11.195	156	61037	19.863	ug/l	90
78) n-propylbenzene	11.305	91	275222	19.385	ug/l	99
79) 2-Chlorotoluene	11.366	91	168857	19.033	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206723	19.833	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19093	18.331	ug/l	96
82) 4-Chlorotoluene	11.457	91	194144	19.484	ug/l	97
83) tert-Butylbenzene	11.713	119	205497	19.649	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	207486	19.811	ug/l	100
85) sec-Butylbenzene	11.890	105	246644	19.226	ug/l	100
86) p-Isopropyltoluene	12.006	119	215043	19.710	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114286	19.571	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113198	18.488	ug/l	99
89) n-Butylbenzene	12.335	91	170889	18.554	ug/l	99
90) Hexachloroethane	12.536	117	32297	19.337	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	111732	19.130	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15159	19.703	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	72373	19.713	ug/l	99
94) Hexachlorobutadiene	13.725	225	30646	19.020	ug/l	97
95) Naphthalene	13.774	128	234012	20.705	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	72839	19.709	ug/l	96

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

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