

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041696.D
 Acq On : 03 Jun 2024 11:58
 Operator : JC/MD
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:44:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	265322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104634	45.931	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.860%		
35) Dibromofluoromethane	5.385	113	83200	45.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.647	98	302680	47.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.440%		
62) 4-Bromofluorobenzene	11.079	95	110398	46.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32779	20.084	ug/l	94
3) Chloromethane	1.300	50	34052	19.123	ug/l	97
4) Vinyl Chloride	1.374	62	35160	19.180	ug/l	98
5) Bromomethane	1.599	94	22340	17.499	ug/l	99
6) Chloroethane	1.666	64	23534	21.240	ug/l	100
7) Trichlorofluoromethane	1.867	101	57390	19.171	ug/l	97
8) Diethyl Ether	2.136	74	21001	18.203	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	31883	18.797	ug/l	89
10) Methyl Iodide	2.440	142	41383	19.565	ug/l	92
11) Tert butyl alcohol	2.995	59	40270	99.929	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	30700	18.542	ug/l	93
13) Acrolein	2.239	56	34598	92.208	ug/l	99
14) Allyl chloride	2.660	41	52434	19.250	ug/l	96
15) Acrylonitrile	3.068	53	96267	97.407	ug/l	99
16) Acetone	2.392	43	99158	97.439	ug/l	95
17) Carbon Disulfide	2.501	76	66712	18.214	ug/l	100
18) Methyl Acetate	2.709	43	42987	19.763	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	104214	18.813	ug/l	99
20) Methylene Chloride	2.782	84	36513	17.911	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	32018	18.638	ug/l	92
22) Diisopropyl ether	3.763	45	107616	19.332	ug/l	96
23) Vinyl Acetate	3.721	43	488083	97.597	ug/l	97
24) 1,1-Dichloroethane	3.605	63	60838	19.328	ug/l	98
25) 2-Butanone	4.568	43	139622	98.615	ug/l	97
26) 2,2-Dichloropropane	4.465	77	47420	18.362	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	38461	18.730	ug/l	93
28) Bromochloromethane	4.903	49	25225	18.606	ug/l #	83
29) Tetrahydrofuran	5.013	42	87961	98.512	ug/l	97
30) Chloroform	5.092	83	63487	19.210	ug/l	95
31) Cyclohexane	5.464	56	49727	18.489	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	55226	19.069	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42426	19.100	ug/l	97
37) Ethyl Acetate	4.727	43	53512	19.090	ug/l	99
38) Carbon Tetrachloride	5.672	117	48172	19.089	ug/l	97
39) Methylcyclohexane	7.379	83	52664	19.299	ug/l	91
40) Benzene	6.037	78	133576	19.239	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27612	20.141	ug/l	93
42) 1,2-Dichloroethane	6.086	62	49825	19.224	ug/l	97
43) Isopropyl Acetate	6.342	43	79385	18.757	ug/l	98
44) Trichloroethene	7.123	130	35817	18.968	ug/l	91
45) 1,2-Dichloropropane	7.427	63	32824	19.884	ug/l	96
46) Dibromomethane	7.580	93	24088	19.025	ug/l #	79
47) Bromodichloromethane	7.824	83	46335	19.764	ug/l	100
48) Methyl methacrylate	7.696	41	40328	19.842	ug/l	96
49) 1,4-Dioxane	7.665	88	17982	404.926	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	275429	100.359	ug/l	100
52) Toluene	8.720	92	85831	19.480	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	43637	18.910	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48676	19.068	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	34495	19.421	ug/l	96
56) Ethyl methacrylate	9.116	69	53417	19.704	ug/l	98
57) 1,3-Dichloropropane	9.305	76	56811	19.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	127372	99.796	ug/l	95
59) 2-Hexanone	9.433	43	214262	102.402	ug/l	99
60) Dibromochloromethane	9.518	129	38271	19.424	ug/l	97
61) 1,2-Dibromoethane	9.610	107	36468	19.454	ug/l	100
64) Tetrachloroethene	9.275	164	34621	18.895	ug/l	90
65) Chlorobenzene	10.079	112	100543	19.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34694	19.057	ug/l	99
67) Ethyl Benzene	10.195	91	160697	19.219	ug/l	99
68) m/p-Xylenes	10.299	106	129559	38.949	ug/l	95
69) o-Xylene	10.640	106	63444	19.173	ug/l	96
70) Styrene	10.652	104	106610	19.506	ug/l	96
71) Bromoform	10.799	173	29531	18.625	ug/l #	100
73) Isopropylbenzene	10.963	105	165209	20.257	ug/l	98
74) N-amyl acetate	10.841	43	70916	19.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	55614	19.214	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44978m	19.606	ug/l	
77) Bromobenzene	11.195	156	47113	19.570	ug/l	80
78) n-propylbenzene	11.305	91	181987	20.321	ug/l	98
79) 2-Chlorotoluene	11.366	91	113411	19.702	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	137074	20.130	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14883	17.682	ug/l	98
82) 4-Chlorotoluene	11.457	91	128839	19.674	ug/l	94
83) tert-Butylbenzene	11.713	119	144731	19.731	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	140537	20.370	ug/l	95
85) sec-Butylbenzene	11.890	105	170342	20.256	ug/l	96
86) p-Isopropyltoluene	12.006	119	148970	20.198	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	82994	19.304	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	84293	19.019	ug/l	97
89) n-Butylbenzene	12.335	91	115161	19.724	ug/l	98
90) Hexachloroethane	12.536	117	24139	19.243	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	84184	19.223	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11680	19.975	ug/l	64
93) 1,2,4-Trichlorobenzene	13.591	180	54236	18.791	ug/l	94
94) Hexachlorobutadiene	13.725	225	26890	18.805	ug/l	99
95) Naphthalene	13.774	128	162138	19.036	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56869	19.145	ug/l	96

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

