

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041397.D
 Acq On : 07 May 2024 11:10
 Operator : JC/MD
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 08 01:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	204898	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	301860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	128163	57.457	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.920%			
35) Dibromofluoromethane	5.385	113	105182	51.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.840%			
50) Toluene-d8	8.647	98	325904	50.336	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	133932	53.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30895	18.350	ug/l	98
3) Chloromethane	1.294	50	28109	16.134	ug/l	98
4) Vinyl Chloride	1.374	62	28862	17.378	ug/l	97
5) Bromomethane	1.599	94	19025	18.273	ug/l	99
6) Chloroethane	1.666	64	17243	22.361	ug/l	97
7) Trichlorofluoromethane	1.868	101	55479	19.372	ug/l	99
8) Diethyl Ether	2.136	74	19375	19.194	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	34308	21.315	ug/l	87
10) Methyl Iodide	2.441	142	27693	15.986	ug/l	90
11) Tert butyl alcohol	3.001	59	39532	88.545	ug/l #	91
12) 1,1-Dichloroethene	2.306	96	30656	19.307	ug/l	88
13) Acrolein	2.239	56	31483	88.888	ug/l	98
14) Allyl chloride	2.660	41	52110	19.534	ug/l	97
15) Acrylonitrile	3.069	53	94770	93.007	ug/l	98
16) Acetone	2.386	43	95491	94.786	ug/l	96
17) Carbon Disulfide	2.502	76	65233	17.477	ug/l	100
18) Methyl Acetate	2.703	43	44682	19.579	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	108985	18.829	ug/l	97
20) Methylene Chloride	2.782	84	36145	18.665	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	32651	18.401	ug/l	89
22) Diisopropyl ether	3.764	45	108111	19.123	ug/l	88
23) Vinyl Acetate	3.721	43	492414	97.368	ug/l	97
24) 1,1-Dichloroethane	3.605	63	59822	18.730	ug/l	98
25) 2-Butanone	4.562	43	144358	99.992	ug/l	97
26) 2,2-Dichloropropane	4.465	77	50429	18.884	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	40241	19.154	ug/l	92
28) Bromochloromethane	4.897	49	21664	19.005	ug/l #	78
29) Tetrahydrofuran	5.007	42	88479	93.710	ug/l	96
30) Chloroform	5.093	83	65946	19.846	ug/l	98
31) Cyclohexane	5.458	56	44299	16.455	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	57152	18.905	ug/l	98
36) 1,1-Dichloropropene	5.684	75	42068	17.198	ug/l	97
37) Ethyl Acetate	4.715	43	51933	17.016	ug/l	99
38) Carbon Tetrachloride	5.672	117	47357	16.900	ug/l	99
39) Methylcyclohexane	7.373	83	45635	15.880	ug/l	94
40) Benzene	6.031	78	132852	17.618	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28834	18.356	ug/l	95
42) 1,2-Dichloroethane	6.080	62	50104	18.130	ug/l	95
43) Isopropyl Acetate	6.342	43	80877	17.625	ug/l	98
44) Trichloroethene	7.123	130	31709	15.925	ug/l	91
45) 1,2-Dichloropropane	7.427	63	27102	16.086	ug/l	100
46) Dibromomethane	7.580	93	21319	15.896	ug/l #	79
47) Bromodichloromethane	7.818	83	39580	16.561	ug/l	100
48) Methyl methacrylate	7.696	41	34030	16.177	ug/l	93
49) 1,4-Dioxane	7.671	88	11914	261.958	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	235889	85.666	ug/l	100
52) Toluene	8.714	92	79034	17.134	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42366	17.891	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	41530	15.806	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	33730	18.988	ug/l	97
56) Ethyl methacrylate	9.116	69	52029	18.925	ug/l	99
57) 1,3-Dichloropropane	9.305	76	54479	18.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	119122	89.361	ug/l	93
59) 2-Hexanone	9.433	43	209860	95.310	ug/l	98
60) Dibromochloromethane	9.519	129	36597	17.500	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35824	18.331	ug/l	100
64) Tetrachloroethene	9.269	164	35654	17.762	ug/l	91
65) Chlorobenzene	10.079	112	96806	17.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	34144	17.172	ug/l	97
67) Ethyl Benzene	10.189	91	156416	16.847	ug/l	99
68) m/p-Xylenes	10.299	106	126098	33.916	ug/l	94
69) o-Xylene	10.640	106	62070	17.436	ug/l	95
70) Styrene	10.653	104	104957	17.968	ug/l	96
71) Bromoform	10.799	173	29527	16.593	ug/l #	99
73) Isopropylbenzene	10.957	105	165943	17.261	ug/l	97
74) N-amyl acetate	10.842	43	68815	16.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	55241	17.535	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42980m	16.745	ug/l	
77) Bromobenzene	11.195	156	47532	17.517	ug/l	79
78) n-propylbenzene	11.305	91	182569	18.081	ug/l	96
79) 2-Chlorotoluene	11.366	91	112557	17.298	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	135274	17.260	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13981	14.837	ug/l	94
82) 4-Chlorotoluene	11.451	91	129209	17.491	ug/l	93
83) tert-Butylbenzene	11.713	119	145264	17.309	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	137343	17.416	ug/l	92
85) sec-Butylbenzene	11.890	105	171787	17.861	ug/l	95
86) p-Isopropyltoluene	12.006	119	155972	18.057	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	86487	17.536	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	87782	17.275	ug/l	96
89) n-Butylbenzene	12.329	91	118073	16.999	ug/l	97
90) Hexachloroethane	12.536	117	23540	16.296	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	84379	16.197	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11259	15.467	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	55776	15.317	ug/l	94
94) Hexachlorobutadiene	13.725	225	27359	15.046	ug/l	98
95) Naphthalene	13.774	128	169677	15.724	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58465	15.710	ug/l	96

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

