

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041458.D
 Acq On : 10 May 2024 15:02
 Operator : JC/MD
 Sample : VX0511WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Quant Time: May 11 01:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	175907	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	248082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101202	52.847	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.700%			
35) Dibromofluoromethane	5.385	113	82371	48.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	8.647	98	288781	54.271	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.540%			
62) 4-Bromofluorobenzene	11.079	95	110451	53.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32242	22.306	ug/l	100
3) Chloromethane	1.294	50	27295	18.249	ug/l	98
4) Vinyl Chloride	1.374	62	28703	20.131	ug/l	99
5) Bromomethane	1.599	94	19454	21.764	ug/l	95
6) Chloroethane	1.666	64	15851	23.943	ug/l	89
7) Trichlorofluoromethane	1.867	101	50913	20.708	ug/l	98
8) Diethyl Ether	2.136	74	18133	20.925	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	31582	22.855	ug/l	88
10) Methyl Iodide	2.440	142	32065	21.560	ug/l	91
11) Tert butyl alcohol	3.001	59	39812	103.869	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	28469	20.885	ug/l	92
13) Acrolein	2.239	56	26458	87.012	ug/l	98
14) Allyl chloride	2.660	41	50956	22.250	ug/l	96
15) Acrylonitrile	3.068	53	93170	106.506	ug/l	97
16) Acetone	2.392	43	100969	117.661	ug/l	98
17) Carbon Disulfide	2.501	76	59053	18.429	ug/l	98
18) Methyl Acetate	2.709	43	46153	23.557	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	107505	21.634	ug/l	99
20) Methylene Chloride	2.788	84	35082	21.102	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	30779	20.204	ug/l	90
22) Diisopropyl ether	3.763	45	106497	21.942	ug/l	92
23) Vinyl Acetate	3.721	43	475702	109.565	ug/l	97
24) 1,1-Dichloroethane	3.605	63	58893	21.478	ug/l	99
25) 2-Butanone	4.568	43	133767	107.926	ug/l	97
26) 2,2-Dichloropropane	4.464	77	47854	20.873	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	37678	20.889	ug/l	90
28) Bromochloromethane	4.891	49	16614	16.977	ug/l	84
29) Tetrahydrofuran	5.013	42	87754	108.260	ug/l	97
30) Chloroform	5.092	83	63134	22.131	ug/l	98
31) Cyclohexane	5.458	56	47577	20.585	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	55173	21.258	ug/l	98
36) 1,1-Dichloropropene	5.684	75	40751	20.271	ug/l	96
37) Ethyl Acetate	4.721	43	52580	20.962	ug/l	99
38) Carbon Tetrachloride	5.672	117	47062	20.436	ug/l	97
39) Methylcyclohexane	7.372	83	51858	21.958	ug/l	91
40) Benzene	6.031	78	127028	20.498	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27358	21.192	ug/l	95
42) 1,2-Dichloroethane	6.080	62	48049	21.156	ug/l	98
43) Isopropyl Acetate	6.342	43	80666	21.389	ug/l	99
44) Trichloroethene	7.123	130	35369	21.614	ug/l	90
45) 1,2-Dichloropropane	7.427	63	31096	22.458	ug/l	93
46) Dibromomethane	7.580	93	22244	20.180	ug/l #	79
47) Bromodichloromethane	7.818	83	45590	23.210	ug/l	99
48) Methyl methacrylate	7.696	41	39435	22.810	ug/l	96
49) 1,4-Dioxane	7.671	88	16636	445.075	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	279291	123.415	ug/l	100
52) Toluene	8.714	92	83994	22.156	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43567	20.590	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	47547	22.019	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	34568	23.678	ug/l	97
56) Ethyl methacrylate	9.116	69	53597	23.721	ug/l	98
57) 1,3-Dichloropropane	9.305	76	57350	23.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	142330	129.916	ug/l	94
59) 2-Hexanone	9.433	43	219850	121.492	ug/l	99
60) Dibromochloromethane	9.518	129	37131	21.604	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35349	22.009	ug/l	99
64) Tetrachloroethene	9.268	164	34007	22.964	ug/l	91
65) Chlorobenzene	10.079	112	89761	21.621	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	33876	23.093	ug/l	98
67) Ethyl Benzene	10.195	91	161603	23.593	ug/l	98
68) m/p-Xylenes	10.299	106	128174	46.729	ug/l	94
69) o-Xylene	10.640	106	63226	24.074	ug/l	95
70) Styrene	10.652	104	105914	24.577	ug/l	96
71) Bromoform	10.799	173	30386	23.146	ug/l #	98
73) Isopropylbenzene	10.963	105	166449	21.473	ug/l	97
74) N-amyl acetate	10.841	43	71950	21.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	55749	21.949	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	45970m	22.214	ug/l	
77) Bromobenzene	11.201	156	46986	21.477	ug/l	80
78) n-propylbenzene	11.305	91	183921	22.591	ug/l	96
79) 2-Chlorotoluene	11.366	91	114849	21.891	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	139149	22.021	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14399	18.952	ug/l	94
82) 4-Chlorotoluene	11.451	91	131291	22.043	ug/l	94
83) tert-Butylbenzene	11.713	119	148881	22.002	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	140418	22.085	ug/l	94
85) sec-Butylbenzene	11.890	105	177752	22.922	ug/l	96
86) p-Isopropyltoluene	12.006	119	153555	22.048	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	85286	21.447	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	87638	21.391	ug/l	96
89) n-Butylbenzene	12.329	91	120139	21.453	ug/l	97
90) Hexachloroethane	12.536	117	22821	19.594	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	88898	21.165	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10604	18.067	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	59299	20.198	ug/l	95
94) Hexachlorobutadiene	13.725	225	30026	20.480	ug/l	98
95) Naphthalene	13.774	128	176953	20.339	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62010	20.666	ug/l	96

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

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