

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041513.D
 Acq On : 14 May 2024 12:30
 Operator : JC/MD
 Sample : VX0514WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

Quant Time: May 15 00:57:47 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100599	54.349	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.385	113	81915	49.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	8.647	98	282230	54.055	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.100%			
62) 4-Bromofluorobenzene	11.079	95	107188	53.033	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26098	18.680	ug/l	97
3) Chloromethane	1.294	50	24162	16.713	ug/l	100
4) Vinyl Chloride	1.374	62	25645	18.608	ug/l	100
5) Bromomethane	1.599	94	17639	20.416	ug/l	96
6) Chloroethane	1.666	64	14858	23.220	ug/l	98
7) Trichlorofluoromethane	1.868	101	48160	20.265	ug/l	100
8) Diethyl Ether	2.136	74	17583	20.992	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	29859	22.355	ug/l	88
10) Methyl Iodide	2.447	142	30377	21.131	ug/l	91
11) Tert butyl alcohol	3.014	59	37175	100.344	ug/l	# 93
12) 1,1-Dichloroethene	2.307	96	27272	20.699	ug/l	91
13) Acrolein	2.239	56	36940	125.686	ug/l	99
14) Allyl chloride	2.660	41	47569	21.489	ug/l	98
15) Acrylonitrile	3.075	53	92010	108.818	ug/l	99
16) Acetone	2.392	43	88736	106.622	ug/l	97
17) Carbon Disulfide	2.502	76	48843	15.770	ug/l	96
18) Methyl Acetate	2.709	43	45287	23.914	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	100588	20.943	ug/l	99
20) Methylene Chloride	2.788	84	32618	20.299	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	28199	19.151	ug/l	90
22) Diisopropyl ether	3.764	45	100972	21.523	ug/l	97
23) Vinyl Acetate	3.721	43	444802	105.992	ug/l	99
24) 1,1-Dichloroethane	3.605	63	55654	20.999	ug/l	96
25) 2-Butanone	4.568	43	131109	109.440	ug/l	99
26) 2,2-Dichloropropane	4.471	77	44353	20.015	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	35709	20.482	ug/l	91
28) Bromochloromethane	4.898	49	19307	20.412	ug/l	# 83
29) Tetrahydrofuran	5.013	42	82033	104.703	ug/l	96
30) Chloroform	5.093	83	59717	21.657	ug/l	98
31) Cyclohexane	5.464	56	43311	19.388	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	51570	20.557	ug/l	98
36) 1,1-Dichloropropene	5.690	75	35969	18.235	ug/l	95
37) Ethyl Acetate	4.721	43	51299	20.843	ug/l	99
38) Carbon Tetrachloride	5.672	117	42612	18.857	ug/l	99
39) Methylcyclohexane	7.373	83	45063	19.446	ug/l	93
40) Benzene	6.031	78	119440	19.642	ug/l	98

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41) Methacrylonitrile	4.928	41	26164	20.655	ug/l	93
42) 1,2-Dichloroethane	6.086	62	46726	20.967	ug/l	97
43) Isopropyl Acetate	6.348	43	75718	20.461	ug/l	98
44) Trichloroethene	7.123	130	33136	20.636	ug/l	86
45) 1,2-Dichloropropane	7.434	63	29696	21.857	ug/l	99
46) Dibromomethane	7.580	93	22222	20.546	ug/l #	78
47) Bromodichloromethane	7.824	83	41371	21.465	ug/l	90
48) Methyl methacrylate	7.696	41	37466	22.086	ug/l	96
49) 1,4-Dioxane	7.671	88	16135	439.929	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	263424	118.631	ug/l	99
52) Toluene	8.720	92	78560	21.119	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	40512	19.640	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	44358	20.935	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32998	23.035	ug/l	98
56) Ethyl methacrylate	9.116	69	49470	22.314	ug/l	100
57) 1,3-Dichloropropane	9.311	76	53525	22.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	110705	102.982	ug/l	94
59) 2-Hexanone	9.433	43	200307	112.810	ug/l	98
60) Dibromochloromethane	9.519	129	35432	21.010	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34032	21.594	ug/l	99
64) Tetrachloroethene	9.275	164	31746	19.891	ug/l	92
65) Chlorobenzene	10.079	112	90885	20.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32303	20.433	ug/l	98
67) Ethyl Benzene	10.195	91	147858	20.030	ug/l	97
68) m/p-Xylenes	10.299	106	117517	39.754	ug/l	94
69) o-Xylene	10.640	106	58035	20.504	ug/l	95
70) Styrene	10.653	104	96515	20.780	ug/l	96
71) Bromoform	10.799	173	26791	18.936	ug/l #	99
73) Isopropylbenzene	10.963	105	152491	20.536	ug/l	97
74) N-amyl acetate	10.842	43	66597	20.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	54078	22.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42596m	21.486	ug/l	
77) Bromobenzene	11.195	156	43147	20.588	ug/l	79
78) n-propylbenzene	11.305	91	164333	21.071	ug/l	96
79) 2-Chlorotoluene	11.366	91	103850	20.663	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	126255	20.857	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13583	18.663	ug/l	97
82) 4-Chlorotoluene	11.457	91	117766	20.640	ug/l	94
83) tert-Butylbenzene	11.713	119	135776	20.946	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	125515	20.607	ug/l	93
85) sec-Butylbenzene	11.890	105	157048	21.141	ug/l	96
86) p-Isopropyltoluene	12.006	119	136915	20.522	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	77118	20.244	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	77386	19.718	ug/l	95
89) n-Butylbenzene	12.329	91	103023	19.204	ug/l	98
90) Hexachloroethane	12.536	117	18130	16.249	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	80729	20.064	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11120	19.777	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	52582	18.696	ug/l	95
94) Hexachlorobutadiene	13.725	225	26123	18.600	ug/l	98
95) Naphthalene	13.774	128	162344	19.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54827	19.074	ug/l	95

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

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