

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041673.D
 Acq On : 29 May 2024 14:54
 Operator : JC/MD
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Quant Time: May 30 07:42:11 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216580	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	305383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120730	45.451	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.900%		
35) Dibromofluoromethane	5.385	113	97056	45.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.940%		
50) Toluene-d8	8.647	98	353478	47.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	131653	48.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37357	19.630	ug/l	97
3) Chloromethane	1.301	50	36611	17.632	ug/l	97
4) Vinyl Chloride	1.374	62	38958	18.226	ug/l	99
5) Bromomethane	1.599	94	25154	16.897	ug/l	99
6) Chloroethane	1.666	64	22533	17.441	ug/l	99
7) Trichlorofluoromethane	1.867	101	63858	18.295	ug/l	100
8) Diethyl Ether	2.136	74	23653	17.582	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	36650	18.530	ug/l	87
10) Methyl Iodide	2.441	142	45459	18.432	ug/l	91
11) Tert butyl alcohol	2.995	59	45340	96.489	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	34173	17.701	ug/l	91
13) Acrolein	2.239	56	39483	90.244	ug/l	100
14) Allyl chloride	2.654	41	58114	18.297	ug/l	98
15) Acrylonitrile	3.068	53	104137	90.367	ug/l	100
16) Acetone	2.392	43	114804	96.723	ug/l	97
17) Carbon Disulfide	2.502	76	74259	17.387	ug/l	98
18) Methyl Acetate	2.709	43	46790	18.448	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	115595	17.896	ug/l	99
20) Methylene Chloride	2.782	84	40018	16.835	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	35873	17.909	ug/l	90
22) Diisopropyl ether	3.764	45	117960	18.173	ug/l	96
23) Vinyl Acetate	3.721	43	539246	92.474	ug/l	98
24) 1,1-Dichloroethane	3.605	63	65349	17.805	ug/l	97
25) 2-Butanone	4.568	43	157789	95.577	ug/l	95
26) 2,2-Dichloropropane	4.471	77	53706	17.835	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	43317	18.091	ug/l	92
28) Bromochloromethane	4.897	49	24113	15.254	ug/l	83
29) Tetrahydrofuran	5.013	42	96600	92.782	ug/l	97
30) Chloroform	5.093	83	69815	18.117	ug/l	98
31) Cyclohexane	5.464	56	56705	18.082	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	60299	17.856	ug/l	98
36) 1,1-Dichloropropene	5.684	75	46659	18.250	ug/l	98
37) Ethyl Acetate	4.721	43	59381	18.404	ug/l	100
38) Carbon Tetrachloride	5.672	117	52187	17.967	ug/l	98
39) Methylcyclohexane	7.379	83	60689	19.322	ug/l	93
40) Benzene	6.031	78	146876	18.380	ug/l	99

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41) Methacrylonitrile	4.928	41	31517	19.974	ug/l	97
42) 1,2-Dichloroethane	6.086	62	54989	18.433	ug/l	95
43) Isopropyl Acetate	6.348	43	88057	18.077	ug/l	99
44) Trichloroethene	7.123	130	39968	18.390	ug/l	87
45) 1,2-Dichloropropane	7.427	63	35842	18.864	ug/l	99
46) Dibromomethane	7.580	93	27504	18.873	ug/l #	82
47) Bromodichloromethane	7.824	83	49475	18.335	ug/l	97
48) Methyl methacrylate	7.696	41	44790	19.146	ug/l	97
49) 1,4-Dioxane	7.671	88	19738	386.162	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	305478	96.707	ug/l	99
52) Toluene	8.714	92	95460	18.823	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	49430	18.610	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53644	18.257	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	38076	18.625	ug/l	98
56) Ethyl methacrylate	9.116	69	58790	18.841	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63155	18.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	116749	79.473	ug/l	95
59) 2-Hexanone	9.433	43	241927	100.456	ug/l	99
60) Dibromochloromethane	9.519	129	42035	18.535	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40934	18.972	ug/l	97
64) Tetrachloroethene	9.275	164	39575	18.790	ug/l	91
65) Chlorobenzene	10.079	112	111555	18.498	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	37857	18.090	ug/l	98
67) Ethyl Benzene	10.195	91	181077	18.840	ug/l	98
68) m/p-Xylenes	10.299	106	145123	37.956	ug/l	94
69) o-Xylene	10.640	106	71221	18.724	ug/l	95
70) Styrene	10.653	104	117591	18.717	ug/l	96
71) Bromoform	10.799	173	33349	18.299	ug/l #	99
73) Isopropylbenzene	10.963	105	185983	19.527	ug/l	97
74) N-amyl acetate	10.842	43	80648	19.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	60777	17.981	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	50217m	18.744	ug/l	
77) Bromobenzene	11.195	156	52061	18.518	ug/l	80
78) n-propylbenzene	11.305	91	206351	19.730	ug/l	97
79) 2-Chlorotoluene	11.360	91	127751	19.005	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	156108	19.631	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16713	17.003	ug/l	96
82) 4-Chlorotoluene	11.451	91	146226	19.121	ug/l	94
83) tert-Butylbenzene	11.713	119	162991	19.028	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	156998	19.486	ug/l	94
85) sec-Butylbenzene	11.890	105	192281	19.579	ug/l	95
86) p-Isopropyltoluene	12.006	119	170093	19.748	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	94958	18.913	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	96545	18.654	ug/l	96
89) n-Butylbenzene	12.329	91	133315	19.552	ug/l	98
90) Hexachloroethane	12.536	117	26700	18.226	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	96010	18.773	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12858	18.830	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	62685	18.598	ug/l	96
94) Hexachlorobutadiene	13.725	225	31186	18.675	ug/l	99
95) Naphthalene	13.774	128	189469	19.049	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65243	18.808	ug/l	95

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

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