

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041419.D
 Acq On : 08 May 2024 14:39
 Operator : JC/MD
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Quant Time: May 09 05:32:37 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 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	186580	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	261283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103072	50.745	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.480%		
35) Dibromofluoromethane	5.379	113	83129	46.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	8.647	98	293161	52.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.620%		
62) 4-Bromofluorobenzene	11.079	95	112472	51.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29828	19.456	ug/l	100
3) Chloromethane	1.301	50	28063	17.689	ug/l	96
4) Vinyl Chloride	1.374	62	29582	19.560	ug/l	99
5) Bromomethane	1.593	94	16875	17.799	ug/l	100
6) Chloroethane	1.666	64	15647	22.283	ug/l	98
7) Trichlorofluoromethane	1.868	101	48306	18.523	ug/l	97
8) Diethyl Ether	2.136	74	17532	19.074	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	27331	18.647	ug/l	88
10) Methyl Iodide	2.441	142	28478	18.053	ug/l	92
11) Tert butyl alcohol	2.995	59	42034	103.393	ug/l	# 95
12) 1,1-Dichloroethene	2.306	96	24896	17.219	ug/l	88
13) Acrolein	2.239	56	30293	93.926	ug/l	97
14) Allyl chloride	2.654	41	48717	20.055	ug/l	98
15) Acrylonitrile	3.069	53	93421	100.684	ug/l	99
16) Acetone	2.386	43	88896	96.991	ug/l	98
17) Carbon Disulfide	2.502	76	56421	16.600	ug/l	99
18) Methyl Acetate	2.709	43	43932	21.140	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	102633	19.472	ug/l	99
20) Methylene Chloride	2.782	84	33669	19.094	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	29780	18.430	ug/l	91
22) Diisopropyl ether	3.764	45	100825	19.585	ug/l	94
23) Vinyl Acetate	3.721	43	460606	100.020	ug/l	98
24) 1,1-Dichloroethane	3.605	63	54947	18.892	ug/l	97
25) 2-Butanone	4.568	43	136100	103.527	ug/l	98
26) 2,2-Dichloropropane	4.465	77	44946	18.483	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	35942	18.787	ug/l	93
28) Bromochloromethane	4.897	49	20035	19.302	ug/l	# 77
29) Tetrahydrofuran	5.007	42	86446	100.546	ug/l	96
30) Chloroform	5.093	83	60115	19.867	ug/l	98
31) Cyclohexane	5.458	56	45058	18.380	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	53020	19.260	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38181	18.033	ug/l	96
37) Ethyl Acetate	4.721	43	52995	20.060	ug/l	100
38) Carbon Tetrachloride	5.672	117	44764	18.456	ug/l	98
39) Methylcyclohexane	7.379	83	48383	19.451	ug/l	93
40) Benzene	6.031	78	123406	18.907	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27384	20.140	ug/l	94
42) 1,2-Dichloroethane	6.080	62	47659	19.924	ug/l	97
43) Isopropyl Acetate	6.342	43	76893	19.359	ug/l	98
44) Trichloroethene	7.123	130	34032	19.746	ug/l	90
45) 1,2-Dichloropropane	7.428	63	30208	20.715	ug/l	96
46) Dibromomethane	7.580	93	23218	20.000	ug/l #	78
47) Bromodichloromethane	7.818	83	42777	20.678	ug/l	97
48) Methyl methacrylate	7.696	41	38722	21.266	ug/l	95
49) 1,4-Dioxane	7.665	88	16737m	425.153	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	272204	114.207	ug/l	100
52) Toluene	8.714	92	78873	19.754	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	41270	18.765	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45993	20.223	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	33314	21.666	ug/l	97
56) Ethyl methacrylate	9.116	69	51921	21.818	ug/l	99
57) 1,3-Dichloropropane	9.305	76	53485	20.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	122678	106.320	ug/l	93
59) 2-Hexanone	9.433	43	212515	111.505	ug/l	97
60) Dibromochloromethane	9.519	129	36411	20.115	ug/l	97
61) 1,2-Dibromoethane	9.610	107	34989	20.684	ug/l	99
64) Tetrachloroethene	9.269	164	32694	20.008	ug/l	94
65) Chlorobenzene	10.079	112	94406	20.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	33381	20.624	ug/l	98
67) Ethyl Benzene	10.195	91	153864	20.359	ug/l	99
68) m/p-Xylenes	10.299	106	120615	39.853	ug/l	96
69) o-Xylene	10.640	106	61091	21.082	ug/l	95
70) Styrene	10.653	104	102982	21.657	ug/l	95
71) Bromoform	10.799	173	28474	19.657	ug/l #	99
73) Isopropylbenzene	10.963	105	160078	21.791	ug/l	97
74) N-amyl acetate	10.842	43	70939	22.103	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	53624	22.277	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	44338m	22.607	ug/l	
77) Bromobenzene	11.195	156	45483	21.937	ug/l	79
78) n-propylbenzene	11.305	91	173314	22.463	ug/l	96
79) 2-Chlorotoluene	11.366	91	109465	22.016	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	121616	20.308	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14060	19.527	ug/l	96
82) 4-Chlorotoluene	11.451	91	111926	19.829	ug/l	92
83) tert-Butylbenzene	11.713	119	127968	19.955	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	120422	19.985	ug/l	95
85) sec-Butylbenzene	11.890	105	145386	19.783	ug/l	95
86) p-Isopropyltoluene	12.006	119	132117	20.017	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	72931	19.352	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	75001	19.317	ug/l	96
89) n-Butylbenzene	12.329	91	97438	18.359	ug/l	96
90) Hexachloroethane	12.536	117	20406	18.487	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	72186	18.135	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11939	21.464	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	57959	20.831	ug/l	95
94) Hexachlorobutadiene	13.725	225	28429	20.461	ug/l	99
95) Naphthalene	13.774	128	174870	21.208	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59648	20.976	ug/l	95

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

