

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041473.D
 Acq On : 10 May 2024 20:48
 Operator : JC/MD
 Sample : P2445-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-01B-83-050924MS

Quant Time: May 11 01:40:55 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	5.550	168	171558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	249606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107844	57.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.480%
35) Dibromofluoromethane	5.385	113	89320	52.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.600%
50) Toluene-d8	8.647	98	304925	56.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.920%#
62) 4-Bromofluorobenzene	11.079	95	115829	55.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74316	52.718	ug/l	97
3) Chloromethane	1.300	50	79309	54.369	ug/l	97
4) Vinyl Chloride	1.374	62	79595	57.239	ug/l	99
5) Bromomethane	1.599	94	45614	52.325	ug/l	97
6) Chloroethane	1.666	64	39968	61.903	ug/l	100
7) Trichlorofluoromethane	1.867	101	130861	54.574	ug/l	99
8) Diethyl Ether	2.136	74	48015	56.811	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.318	101	74459	55.249	ug/l	89
10) Methyl Iodide	2.447	142	86865	59.887	ug/l	92
11) Tert butyl alcohol	3.020	59	127769	341.798	ug/l	# 95
12) 1,1-Dichloroethene	2.306	96	75268	56.616	ug/l	91
13) Acrolein	2.239	56	80177	270.362	ug/l	100
14) Allyl chloride	2.660	41	127717	57.181	ug/l	98
15) Acrylonitrile	3.068	53	261193	306.149	ug/l	99
16) Acetone	2.392	43	242515	295.584	ug/l	95
17) Carbon Disulfide	2.501	76	144375	46.198	ug/l	100
18) Methyl Acetate	2.709	43	114152	59.740	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	269376	55.584	ug/l	99
20) Methylene Chloride	2.788	84	86235	53.186	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	77021	51.841	ug/l	88
22) Diisopropyl ether	3.763	45	268972	56.822	ug/l	93
23) Vinyl Acetate	3.721	43	1173314	277.093	ug/l	97
24) 1,1-Dichloroethane	3.605	63	148700	55.604	ug/l	98
25) 2-Butanone	4.568	43	384235	317.868	ug/l	96
26) 2,2-Dichloropropane	4.471	77	104031	46.527	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	97048	55.169	ug/l	90
28) Bromochloromethane	4.897	49	48605	50.927	ug/l	# 78
29) Tetrahydrofuran	5.013	42	243538	308.064	ug/l	96
30) Chloroform	5.092	83	160485	57.682	ug/l	99
31) Cyclohexane	5.464	56	112977	50.121	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	138588	54.750	ug/l	98
36) 1,1-Dichloropropene	5.690	75	100862	49.867	ug/l	96
37) Ethyl Acetate	4.721	43	133276	52.809	ug/l	100
38) Carbon Tetrachloride	5.672	117	118007	50.929	ug/l	98
39) Methylcyclohexane	7.379	83	113937	47.949	ug/l	93
40) Benzene	6.037	78	325988	52.282	ug/l	99

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41) Methacrylonitrile	4.922	41	73982	56.957	ug/l	94
42) 1,2-Dichloroethane	6.086	62	124314	54.401	ug/l	97
43) Isopropyl Acetate	6.348	43	205069	54.043	ug/l	98
44) Trichloroethene	7.122	130	90953	55.241	ug/l	87
45) 1,2-Dichloropropane	7.427	63	80113	57.506	ug/l	100
46) Dibromomethane	7.580	93	61616	55.559	ug/l #	81
47) Bromodichloromethane	7.824	83	116862	59.132	ug/l	98
48) Methyl methacrylate	7.696	41	102078	58.684	ug/l	95
49) 1,4-Dioxane	7.671	88	43387	1153.676	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	737711	323.995	ug/l	99
52) Toluene	8.714	92	209322	54.879	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	111603	48.648	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120976	55.681	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	86280	58.738	ug/l	96
56) Ethyl methacrylate	9.116	69	139904	61.541	ug/l	99
57) 1,3-Dichloropropane	9.305	76	141352	57.659	ug/l	100
59) 2-Hexanone	9.433	43	584545	321.055	ug/l	98
60) Dibromochloromethane	9.518	129	99870	57.753	ug/l	98
61) 1,2-Dibromoethane	9.610	107	91611	56.689	ug/l	99
64) Tetrachloroethene	9.275	164	81407	49.639	ug/l	91
65) Chlorobenzene	10.079	112	244092	53.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	89115	54.857	ug/l	99
67) Ethyl Benzene	10.195	91	400665	52.821	ug/l	98
68) m/p-Xylenes	10.299	106	315810	103.969	ug/l	93
69) o-Xylene	10.640	106	157555	54.172	ug/l	95
70) Styrene	10.652	104	271245	56.835	ug/l	95
71) Bromoform	10.799	173	79542	54.712	ug/l #	99
73) Isopropylbenzene	10.963	105	403507	52.786	ug/l	97
74) N-amyl acetate	10.841	43	174608	52.282	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	145789	58.202	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	116434m	57.052	ug/l	
77) Bromobenzene	11.195	156	116455	53.977	ug/l	80
78) n-propylbenzene	11.305	91	446265	55.584	ug/l	96
79) 2-Chlorotoluene	11.366	91	276236	53.391	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	331688	53.227	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	39054	52.124	ug/l	98
82) 4-Chlorotoluene	11.451	91	315878	53.778	ug/l	92
83) tert-Butylbenzene	11.713	119	364378	54.604	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	337640	53.848	ug/l	95
85) sec-Butylbenzene	11.890	105	421343	55.096	ug/l	95
86) p-Isopropyltoluene	12.006	119	367805	53.552	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	207887	53.011	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	209228	51.785	ug/l	95
89) n-Butylbenzene	12.329	91	283682	51.366	ug/l	97
90) Hexachloroethane	12.536	117	60896	53.018	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	214970	51.898	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33792	58.381	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	139114	48.048	ug/l	96
94) Hexachlorobutadiene	13.725	225	63861	44.168	ug/l	98
95) Naphthalene	13.774	128	457826	53.359	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	147192	49.742	ug/l	96

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

