

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041335.D
 Acq On : 01 May 2024 18:35
 Operator : JC/MD
 Sample : P2264-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-9-9.0-042324MS

Quant Time: May 02 03:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175666	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	252103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116545	60.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.880%#			
35) Dibromofluoromethane	5.385	113	92315	54.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.647	98	301778	55.809	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.620%			
62) 4-Bromofluorobenzene	11.079	95	114390	54.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70100	48.564	ug/l	99
3) Chloromethane	1.301	50	76497	51.215	ug/l	97
4) Vinyl Chloride	1.374	62	78709	55.278	ug/l	99
5) Bromomethane	1.593	94	35750	40.050	ug/l	96
6) Chloroethane	1.666	64	33730	51.020	ug/l	100
7) Trichlorofluoromethane	1.861	101	121517	49.492	ug/l	100
8) Diethyl Ether	2.136	74	51642	59.674	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	66140	47.929	ug/l #	86
10) Methyl Iodide	2.441	142	87780	59.103	ug/l	90
11) Tert butyl alcohol	3.014	59	158917	415.181	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	82344	60.490	ug/l	88
13) Acrolein	2.239	56	84991	279.893	ug/l	98
14) Allyl chloride	2.660	41	139099	60.821	ug/l	95
15) Acrylonitrile	3.075	53	297710	340.790	ug/l	99
16) Acetone	2.392	43	315804	376.989	ug/l	95
17) Carbon Disulfide	2.502	76	187460	58.582	ug/l	99
18) Methyl Acetate	2.709	43	118345	60.486	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	315383	63.555	ug/l	99
20) Methylene Chloride	2.788	84	96299	58.005	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	87042	57.216	ug/l	88
22) Diisopropyl ether	3.764	45	278050	57.366	ug/l	91
23) Vinyl Acetate	3.721	43	1138042	262.478	ug/l	96
24) 1,1-Dichloroethane	3.605	63	160153	58.486	ug/l	96
25) 2-Butanone	4.568	43	424286	342.792	ug/l	97
26) 2,2-Dichloropropane	4.471	77	60617	26.476	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	104863	58.218	ug/l	85
28) Bromochloromethane	4.897	49	49985	51.148	ug/l #	72
29) Tetrahydrofuran	5.013	42	270032	333.589	ug/l	95
30) Chloroform	5.093	83	157850	55.408	ug/l	96
31) Cyclohexane	5.464	56	106270	46.043	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	140205	54.094	ug/l	98
36) 1,1-Dichloropropene	5.684	75	101604	49.736	ug/l	95
37) Ethyl Acetate	4.721	43	136292	53.469	ug/l	99
38) Carbon Tetrachloride	5.672	117	120368	51.433	ug/l	97
39) Methylcyclohexane	7.379	83	99479	41.450	ug/l	93
40) Benzene	6.031	78	358498	56.926	ug/l	99

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41) Methacrylonitrile	4.928	41	79304	60.450	ug/l	96
42) 1,2-Dichloroethane	6.086	62	132489	57.404	ug/l	95
43) Isopropyl Acetate	6.348	43	221364	57.760	ug/l	97
44) Trichloroethene	7.123	130	88682	53.328	ug/l	89
45) 1,2-Dichloropropane	7.428	63	81273	57.761	ug/l	99
46) Dibromomethane	7.580	93	66371	59.253	ug/l #	77
47) Bromodichloromethane	7.824	83	125263	62.755	ug/l	99
48) Methyl methacrylate	7.696	41	117414	66.832	ug/l	95
49) 1,4-Dioxane	7.671	88	66795	1758.511	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	742636	322.928	ug/l	99
52) Toluene	8.720	92	212902	55.265	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106199	53.699	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	122125	55.653	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	89839	60.555	ug/l	97
56) Ethyl methacrylate	9.116	69	151706	66.072	ug/l	97
57) 1,3-Dichloropropane	9.305	76	149096	60.216	ug/l	99
59) 2-Hexanone	9.433	43	654726	356.039	ug/l	96
60) Dibromochloromethane	9.519	129	107229	61.395	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99605	61.026	ug/l	99
64) Tetrachloroethene	9.275	164	81641	46.752	ug/l	90
65) Chlorobenzene	10.079	112	256839	52.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	92275	53.346	ug/l	97
67) Ethyl Benzene	10.195	91	410500	50.825	ug/l	98
68) m/p-Xylenes	10.299	106	324066	100.195	ug/l	93
69) o-Xylene	10.640	106	157511	50.862	ug/l	94
70) Styrene	10.653	104	262062	51.570	ug/l	96
71) Bromoform	10.799	173	81399	52.583	ug/l #	99
73) Isopropylbenzene	10.963	105	497775	68.532	ug/l	96
74) N-amyl acetate	10.842	43	174526	54.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	150065	63.051	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	123241m	63.553	ug/l	
77) Bromobenzene	11.195	156	121216	59.129	ug/l	78
78) n-propylbenzene	11.305	91	631092	82.726	ug/l	96
79) 2-Chlorotoluene	11.366	91	277367	56.420	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	336561	56.841	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	33453	46.990	ug/l	97
82) 4-Chlorotoluene	11.451	91	318031	56.984	ug/l	92
83) tert-Butylbenzene	11.713	119	338345	53.361	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	351400	58.981	ug/l	93
85) sec-Butylbenzene	11.890	105	447442	61.577	ug/l	92
86) p-Isopropyltoluene	12.006	119	314188	48.144	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	206185	55.334	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	197142	51.352	ug/l	94
89) n-Butylbenzene	12.329	91	286796	54.652	ug/l	94
90) Hexachloroethane	12.536	117	54977	50.374	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	217430	55.245	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41663	75.754	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	152216	55.329	ug/l	99
94) Hexachlorobutadiene	13.725	225	41653	30.319	ug/l	99
95) Naphthalene	13.774	128	1350448	165.645	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	157793	56.121	ug/l	97

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

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