

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031375.D
 Acq On : 15 Sep 2022 23:36
 Operator : JC/MD
 Sample : N4508-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122MSD

Quant Time: Sep 16 05:00:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61181	42.963	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.920%			
35) Dibromofluoromethane	5.391	113	49659	51.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.653	98	187353	51.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	11.079	95	67323	50.876	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25595	40.858	ug/l	98
3) Chloromethane	1.288	50	40504	47.072	ug/l	97
4) Vinyl Chloride	1.374	62	48079	47.430	ug/l	98
5) Bromomethane	1.611	94	68303	89.851	ug/l	99
6) Chloroethane	1.685	64	50172	62.360	ug/l	98
7) Trichlorofluoromethane	1.886	101	123227	66.316	ug/l	99
8) Diethyl Ether	2.136	74	44649	60.350	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	39138	44.541	ug/l	92
10) Methyl Iodide	2.453	142	49159	52.389	ug/l	100
11) Tert butyl alcohol	2.989	59	56811	181.875	ug/l	99
12) 1,1-Dichloroethene	2.319	96	37227	45.959	ug/l	93
13) Acrolein	2.239	56	29637	180.348	ug/l	97
14) Allyl chloride	2.666	41	63418	35.440	ug/l	97
15) Acrylonitrile	3.068	53	128026	194.922	ug/l	100
16) Acetone	2.386	43	110677	182.055	ug/l	98
17) Carbon Disulfide	2.514	76	85284	44.105	ug/l	99
18) Methyl Acetate	2.709	43	61551	34.143	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	159623	42.554	ug/l	99
20) Methylene Chloride	2.788	84	44652	46.676	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	43020	47.175	ug/l	94
22) Diisopropyl ether	3.763	45	148576	39.678	ug/l	97
23) Vinyl Acetate	3.727	43	591279	190.003	ug/l	98
24) 1,1-Dichloroethane	3.611	63	80554	40.991	ug/l	98
25) 2-Butanone	4.562	43	183765	183.260	ug/l	99
26) 2,2-Dichloropropane	4.483	77	56846	30.490	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	55622	46.619	ug/l	90
28) Bromochloromethane	4.903	49	37192	40.603	ug/l	92
29) Tetrahydrofuran	5.007	42	118476	190.743	ug/l	96
30) Chloroform	5.099	83	90438	43.459	ug/l	99
31) Cyclohexane	5.477	56	65635	42.901	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	78646	42.178	ug/l	99
36) 1,1-Dichloropropene	5.696	75	59792	45.347	ug/l	98
37) Ethyl Acetate	4.721	43	68325	39.432	ug/l	99
38) Carbon Tetrachloride	5.678	117	68448	47.757	ug/l	99
39) Methylcyclohexane	7.379	83	68240	46.995	ug/l	96
40) Benzene	6.044	78	183750	48.530	ug/l	100

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41) Methacrylonitrile	4.922	41	37973	40.454	ug/l	95
42) 1,2-Dichloroethane	6.092	62	70683	46.281	ug/l	98
43) Isopropyl Acetate	6.342	43	116288	39.317	ug/l	99
44) Trichloroethene	7.129	130	51138	52.973	ug/l	93
45) 1,2-Dichloropropane	7.434	63	46878	45.224	ug/l	94
46) Dibromomethane	7.580	93	35942	48.893	ug/l	94
47) Bromodichloromethane	7.824	83	70377	46.029	ug/l	94
48) Methyl methacrylate	7.696	41	53803	39.960	ug/l	93
49) 1,4-Dioxane	7.690	88	23590	873.648	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	390469	217.194	ug/l	100
52) Toluene	8.720	92	121151	50.582	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	73496	42.715	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	75913	42.932	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	51354	48.570	ug/l	99
56) Ethyl methacrylate	9.116	69	77102	45.047	ug/l	96
57) 1,3-Dichloropropane	9.311	76	84345	46.426	ug/l	99
59) 2-Hexanone	9.433	43	303365	221.091	ug/l	100
60) Dibromochloromethane	9.525	129	56873	49.894	ug/l	97
61) 1,2-Dibromoethane	9.610	107	55372	51.039	ug/l	98
64) Tetrachloroethene	9.275	164	45862	50.003	ug/l	94
65) Chlorobenzene	10.079	112	132292	49.793	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52346	50.006	ug/l	100
67) Ethyl Benzene	10.195	91	240105	49.894	ug/l	99
68) m/p-Xylenes	10.305	106	192022	105.087	ug/l	100
69) o-Xylene	10.640	106	94792	51.075	ug/l	97
70) Styrene	10.659	104	160019	53.021	ug/l	98
71) Bromoform	10.799	173	40697	48.835	ug/l #	99
73) Isopropylbenzene	10.963	105	246511	41.486	ug/l	99
74) N-amyl acetate	10.841	43	101889	34.492	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	85803	40.181	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	84014m	41.441	ug/l	
77) Bromobenzene	11.201	156	59602	43.992	ug/l	97
78) n-propylbenzene	11.305	91	289133	41.463	ug/l	99
79) 2-Chlorotoluene	11.366	91	172306	40.383	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225919	45.381	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23685	32.327	ug/l	94
82) 4-Chlorotoluene	11.457	91	218699	44.717	ug/l	100
83) tert-Butylbenzene	11.713	119	216551	43.478	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	224500	45.373	ug/l	100
85) sec-Butylbenzene	11.890	105	271325	43.504	ug/l	100
86) p-Isopropyltoluene	12.012	119	238741	46.975	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120116	46.502	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	129935	48.943	ug/l	99
89) n-Butylbenzene	12.335	91	198750	44.101	ug/l	98
90) Hexachloroethane	12.542	117	39535	38.953	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	125560	47.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18900	38.136	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	64980	45.631	ug/l	97
94) Hexachlorobutadiene	13.725	225	22384	40.268	ug/l	96
95) Naphthalene	13.774	128	247200	42.727	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66734	43.761	ug/l	98

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

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