

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023976.D
 Acq On : 26 Aug 2021 19:28
 Operator : JC/MD
 Sample : M3535-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-13-GW-082321MSD

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:22 PM

Quant Time: Aug 27 06:00:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	185642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135592	52.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.397	113	102268	51.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.400%	
50) Toluene-d8	8.653	98	374476	49.739	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	11.085	95	152538	55.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	96865	49.455	ug/l	99
3) Chloromethane	1.294	50	104721	48.704	ug/l	100
4) Vinyl Chloride	1.373	62	103172	49.199	ug/l	99
5) Bromomethane	1.599	94	66371	50.340	ug/l	95
6) Chloroethane	1.678	64	67184	43.477	ug/l	96
7) Trichlorofluoromethane	1.885	101	171678	51.842	ug/l	97
8) Diethyl Ether	2.142	74	59050	51.061	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	96848	51.973	ug/l	96
10) Methyl Iodide	2.452	142	139139	53.626	ug/l	94
11) Tert butyl alcohol	2.983	59	136995	261.453	ug/l	99
12) 1,1-Dichloroethene	2.318	96	93292	52.364	ug/l	93
13) Acrolein	2.245	56	60212	193.104	ug/l	95
14) Allyl chloride	2.666	41	173228	52.760	ug/l	90
15) Acrylonitrile	3.074	53	306035	262.134	ug/l	97
16) Acetone	2.391	43	284464	245.546	ug/l	89
17) Carbon Disulfide	2.513	76	235332	55.383	ug/l	99
18) Methyl Acetate	2.715	43	141658	48.982	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	340651	54.938	ug/l	99
20) Methylene Chloride	2.794	84	106968	48.339	ug/l #	87
21) trans-1,2-Dichloroethene	3.099	96	100867	53.004	ug/l	96
22) Diisopropyl ether	3.775	45	354316	54.182	ug/l	93
23) Vinyl Acetate	3.733	43	1375033	259.932	ug/l	94
24) 1,1-Dichloroethane	3.617	63	193261	53.103	ug/l	97
25) 2-Butanone	4.568	43	455515	259.596	ug/l	92
26) 2,2-Dichloropropane	4.483	77	139628	46.745	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	117995	52.109	ug/l	96
28) Bromochloromethane	4.909	49	92518	55.909	ug/l	91
29) Tetrahydrofuran	5.019	42	298483	262.615	ug/l	88
30) Chloroform	5.104	83	216655	56.223	ug/l	98
31) Cyclohexane	5.482	56	175938	52.854	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	182659	55.356	ug/l	97
36) 1,1-Dichloropropene	5.702	75	148811	53.767	ug/l	98
37) Ethyl Acetate	4.726	43	169162	49.722	ug/l #	93
38) Carbon Tetrachloride	5.684	117	159459	55.251	ug/l	99
39) Methylcyclohexane	7.391	83	177330	52.621	ug/l	97
40) Benzene	6.049	78	426291	52.088	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	99264	53.821	ug/l	90
42) 1,2-Dichloroethane	6.098	62	178710	55.560	ug/l	93
43) Isopropyl Acetate	6.354	43	276979	52.048	ug/l	92
44) Trichloroethene	7.135	130	114116	50.476	ug/l	96
45) 1,2-Dichloropropane	7.439	63	113969	52.443	ug/l	100
46) Dibromomethane	7.586	93	81305	53.761	ug/l	96
47) Bromodichloromethane	7.830	83	154837	56.594	ug/l	99
48) Methyl methacrylate	7.702	41	142722	54.977	ug/l	85
49) 1,4-Dioxane	7.665	88	56242	1025.087	ug/l #	95
51) 4-Methyl-2-Pentanone	8.579	43	955514	277.769	ug/l	89
52) Toluene	8.726	92	280440	52.882	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	173370	49.099	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	175805	53.031	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	116933	53.558	ug/l	97
56) Ethyl methacrylate	9.122	69	188086	50.411	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	194877	53.816	ug/l	100
59) 2-Hexanone	9.433	43	766351	289.822	ug/l	86
60) Dibromochloromethane	9.524	129	122436	50.750	ug/l	100
61) 1,2-Dibromoethane	9.616	107	123214	53.421	ug/l	100
64) Tetrachloroethene	9.281	164	110597	48.641	ug/l	97
65) Chlorobenzene	10.085	112	310665	52.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	116559	55.130	ug/l	99
67) Ethyl Benzene	10.195	91	557733	53.765	ug/l	100
68) m/p-Xylenes	10.305	106	435653	110.259	ug/l	99
69) o-Xylene	10.646	106	214194	55.164	ug/l	100
70) Styrene	10.658	104	354127	55.983	ug/l	97
71) Bromoform	10.805	173	92746	53.831	ug/l #	100
73) Isopropylbenzene	10.963	105	563238	49.814	ug/l	100
74) N-amyl acetate	10.847	43	258907	50.670	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	189414	51.117	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	177041m	51.198	ug/l	
77) Bromobenzene	11.201	156	140616	50.493	ug/l	98
78) n-propylbenzene	11.305	91	664189	51.359	ug/l	100
79) 2-Chlorotoluene	11.365	91	403690	51.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	486302	52.337	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	58924	50.124	ug/l	89
82) 4-Chlorotoluene	11.457	91	470125	52.989	ug/l	99
83) tert-Butylbenzene	11.719	119	472750	52.386	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	490572	52.951	ug/l	98
85) sec-Butylbenzene	11.896	105	605873	53.029	ug/l	100
86) p-Isopropyltoluene	12.012	119	508230	54.048	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262953	52.190	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	259465	51.634	ug/l	98
89) n-Butylbenzene	12.335	91	438242	52.197	ug/l	98
90) Hexachloroethane	12.542	117	86453	52.663	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	250423	51.304	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	42348	48.796	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	145846	49.646	ug/l	98
94) Hexachlorobutadiene	13.725	225	66109	50.489	ug/l	99
95) Naphthalene	13.780	128	515930	47.646	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	147970	50.575	ug/l	98

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

