

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022862.D
 Acq On : 24 Jun 2021 00:01
 Operator : JC/MD
 Sample : M2803-21MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20210621MSD

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:15 PM

Quant Time: Jun 24 03:39:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	59083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	122090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54591	50.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.82%			
35) Dibromofluoromethane	5.397	113	39601	51.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.16%			
50) Toluene-d8	8.653	98	150574	49.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.10%			
62) 4-Bromofluorobenzene	11.085	95	55076	48.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.14%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	31289	37.53	ug/l	99
3) Chloromethane	1.295	50	36405	39.77	ug/l	99
4) Vinyl Chloride	1.374	62	36259	42.93	ug/l	97
5) Bromomethane	1.599	94	25013	53.75	ug/l	99
6) Chloroethane	1.679	64	23776	45.55	ug/l	98
7) Trichlorofluoromethane	1.880	101	57389	46.77	ug/l	100
8) Diethyl Ether	2.142	74	23605	49.84	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	45359	59.04	ug/l	89
10) Methyl Iodide	2.453	142	39096	42.92	ug/l	95
11) Tert butyl alcohol	2.977	59	61808	276.59	ug/l	99
12) 1,1-Dichloroethene	2.319	96	36342	47.41	ug/l	93
13) Acrolein	2.239	56	19523	140.47	ug/l	100
14) Allyl chloride	2.666	41	64115	44.03	ug/l #	93
15) Acrylonitrile	3.075	53	129980	254.44	ug/l	99
16) Acetone	2.392	43	128503	270.33	ug/l	93
17) Carbon Disulfide	2.514	76	64396	32.18	ug/l	99
18) Methyl Acetate	2.709	43	53965	46.13	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	132252	48.11	ug/l	100
20) Methylene Chloride	2.794	84	45173	47.93	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	37925	44.60	ug/l	92
22) Diisopropyl ether	3.770	45	147124	48.57	ug/l #	91
23) Vinyl Acetate	3.733	43	452770	178.18	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	84341	52.12	ug/l	98
25) 2-Butanone	4.568	43	205643	278.20	ug/l	91
26) 2,2-Dichloropropane	4.483	77	23218	18.91	ug/l	87
27) cis-1,2-Dichloroethene	4.495	96	53115	56.28	ug/l	96
28) Bromochloromethane	4.910	49	40470	53.08	ug/l #	79
29) Tetrahydrofuran	5.013	42	119315	250.94	ug/l	87
30) Chloroform	5.105	83	86248	52.99	ug/l	97
31) Cyclohexane	5.477	56	57987	38.31	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	68615	52.47	ug/l	97
36) 1,1-Dichloropropene	5.702	75	58169	44.86	ug/l	96
37) Ethyl Acetate	4.727	43	56862	37.85	ug/l #	93
38) Carbon Tetrachloride	5.684	117	52853	48.59	ug/l	99
39) Methylcyclohexane	7.385	83	55610	36.76	ug/l	93
40) Benzene	6.044	78	182430	48.79	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43577	52.66	ug/l	89
42) 1,2-Dichloroethane	6.099	62	71574	52.02	ug/l	96
43) Isopropyl Acetate	6.348	43	105481	43.68	ug/l	92
44) Trichloroethene	7.135	130	131277	148.04	ug/l	96
45) 1,2-Dichloropropane	7.440	63	50754	52.62	ug/l	95
46) Dibromomethane	7.586	93	32130	50.21	ug/l #	85
47) Bromodichloromethane	7.830	83	61868	47.72	ug/l	95
48) Methyl methacrylate	7.702	41	62106	55.56	ug/l	87
49) 1,4-Dioxane	7.665	88	23789	988.71	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	425053	282.79	ug/l	89
52) Toluene	8.720	92	111699	49.41	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	58515	38.91	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	64299	39.75	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	48328	53.29	ug/l	97
56) Ethyl methacrylate	9.122	69	78000	46.75	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	85796	52.04	ug/l	99
59) 2-Hexanone	9.433	43	321396	281.85	ug/l	87
60) Dibromochloromethane	9.525	129	42404	47.90	ug/l	98
61) 1,2-Dibromoethane	9.616	107	47076	51.11	ug/l	100
64) Tetrachloroethene	9.281	164	36622	46.99	ug/l	90
65) Chlorobenzene	10.086	112	114616	49.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	41423	54.88	ug/l	97
67) Ethyl Benzene	10.195	91	217281	50.52	ug/l	99
68) m/p-Xylenes	10.305	106	153063	95.83	ug/l	92
69) o-Xylene	10.646	106	77433	49.81	ug/l	94
70) Styrene	10.659	104	130289	50.49	ug/l	96
71) Bromoform	10.805	173	23839	44.53	ug/l #	95
73) Isopropylbenzene	10.964	105	205853	51.07	ug/l	98
74) N-amyl acetate	10.848	43	77217	34.60	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	75494	54.53	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	67834m	53.91	ug/l	
77) Bromobenzene	11.201	156	43228	51.57	ug/l	82
78) n-propylbenzene	11.305	91	242847	49.79	ug/l	96
79) 2-Chlorotoluene	11.366	91	149833	50.88	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	170884	51.63	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	15618	35.67	ug/l #	85
82) 4-Chlorotoluene	11.457	91	170129	49.99	ug/l	95
83) tert-Butylbenzene	11.719	119	162114	51.86	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	174152	52.28	ug/l	98
85) sec-Butylbenzene	11.896	105	208012	49.35	ug/l	97
86) p-Isopropyltoluene	12.012	119	170690	50.96	ug/l	95
87) 1,3-Dichlorobenzene	11.976	146	81996	50.70	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	82476	48.77	ug/l	94
89) n-Butylbenzene	12.335	91	157006	49.30	ug/l	97
90) Hexachloroethane	12.542	117	25511	41.83	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	81044	51.35	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15412	47.36	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	44992	51.40	ug/l	96
94) Hexachlorobutadiene	13.725	225	15430	44.98	ug/l	95
95) Naphthalene	13.780	128	196283	50.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47091	53.41	ug/l	96

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

