

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022883.D
 Acq On : 24 Jun 2021 21:17
 Operator : JC/MD
 Sample : M2783-20MSD 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20210618MSD

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:52 PM

Quant Time: Jun 25 05:40:52 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	5.562	168	65383	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	116017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57478	48.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.880%			
35) Dibromofluoromethane	5.397	113	40690	50.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	8.653	98	158107	49.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.740%			
62) 4-Bromofluorobenzene	11.085	95	59487	50.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	46515	50.423	ug/l	98
3) Chloromethane	1.295	50	50034	49.393	ug/l	99
4) Vinyl Chloride	1.374	62	47836	51.176	ug/l	100
5) Bromomethane	1.599	94	24447	47.475	ug/l	93
6) Chloroethane	1.679	64	28434	49.221	ug/l	95
7) Trichlorofluoromethane	1.886	101	68199	50.225	ug/l	98
8) Diethyl Ether	2.136	74	25570	48.787	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	42516	50.008	ug/l	89
10) Methyl Iodide	2.453	142	48344	47.500	ug/l	94
11) Tert butyl alcohol	2.977	59	62275	251.823	ug/l	100
12) 1,1-Dichloroethene	2.319	96	42634	50.262	ug/l	88
13) Acrolein	2.240	56	33211	215.928	ug/l	100
14) Allyl chloride	2.666	41	81640	50.661	ug/l	93
15) Acrylonitrile	3.075	53	150846	266.834	ug/l	99
16) Acetone	2.392	43	127975	243.282	ug/l	95
17) Carbon Disulfide	2.514	76	103652	45.210	ug/l	99
18) Methyl Acetate	2.709	43	65755	50.793	ug/l	# 89
19) Methyl tert-butyl Ether	3.123	73	157542	51.792	ug/l	98
20) Methylene Chloride	2.794	84	49754	47.706	ug/l	# 89
21) trans-1,2-Dichloroethene	3.093	96	46227	49.126	ug/l	97
22) Diisopropyl ether	3.770	45	176403	52.625	ug/l	96
23) Vinyl Acetate	3.733	43	765282	272.150	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	91581	51.139	ug/l	98
25) 2-Butanone	4.568	43	215833	263.849	ug/l	90
26) 2,2-Dichloropropane	4.489	77	62817	46.224	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	54310	52.003	ug/l	95
28) Bromochloromethane	4.910	49	42423	50.283	ug/l	# 76
29) Tetrahydrofuran	5.019	42	141924	269.732	ug/l	87
30) Chloroform	5.105	83	91679	50.895	ug/l	96
31) Cyclohexane	5.477	56	82820	49.439	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	74279	51.324	ug/l	95
36) 1,1-Dichloropropene	5.696	75	66827	49.385	ug/l	97
37) Ethyl Acetate	4.727	43	83161	53.054	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	60585	53.380	ug/l	99
39) Methylcyclohexane	7.385	83	79703	50.493	ug/l	97
40) Benzene	6.044	78	201945	51.754	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46385	53.716	ug/l	91
42) 1,2-Dichloroethane	6.092	62	76595	53.353	ug/l	97
43) Isopropyl Acetate	6.349	43	134714	53.456	ug/l #	92
44) Trichloroethene	7.129	130	86461	93.436	ug/l	92
45) 1,2-Dichloropropane	7.440	63	53785	53.441	ug/l	100
46) Dibromomethane	7.586	93	34466	51.618	ug/l #	84
47) Bromodichloromethane	7.830	83	66843	49.310	ug/l	99
48) Methyl methacrylate	7.696	41	63590	54.521	ug/l	86
49) 1,4-Dioxane	7.665	88	27151	1081.418	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	435178	277.462	ug/l	89
52) Toluene	8.720	92	122296	51.847	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74698	46.776	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	80464	47.154	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	49097	51.879	ug/l	97
56) Ethyl methacrylate	9.122	69	85571	49.023	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	90670	52.706	ug/l	99
59) 2-Hexanone	9.433	43	327555	275.283	ug/l	87
60) Dibromochloromethane	9.525	129	43640	47.291	ug/l	99
61) 1,2-Dibromoethane	9.616	107	48978	50.957	ug/l	100
64) Tetrachloroethene	9.275	164	41110	50.423	ug/l #	89
65) Chlorobenzene	10.086	112	122686	50.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42404	53.704	ug/l	98
67) Ethyl Benzene	10.195	91	234275	52.072	ug/l	98
68) m/p-Xylenes	10.305	106	171991	102.941	ug/l	94
69) o-Xylene	10.647	106	85531	52.598	ug/l	96
70) Styrene	10.659	104	137647	50.998	ug/l	95
71) Bromoform	10.805	173	25414	45.292	ug/l #	98
73) Isopropylbenzene	10.964	105	220674	53.734	ug/l	99
74) N-amyl acetate	10.848	43	116207	50.127	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	75995	53.877	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	70337m	54.865	ug/l	
77) Bromobenzene	11.201	156	45654	53.460	ug/l	83
78) n-propylbenzene	11.305	91	270422	54.421	ug/l	96
79) 2-Chlorotoluene	11.366	91	160336	53.442	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	187299	55.543	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.025	75	21887	46.621	ug/l #	85
82) 4-Chlorotoluene	11.457	91	185362	53.461	ug/l	95
83) tert-Butylbenzene	11.720	119	170075	53.406	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	186583	54.974	ug/l	97
85) sec-Butylbenzene	11.896	105	231810	53.975	ug/l	97
86) p-Isopropyltoluene	12.012	119	183953	53.902	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	88062	53.449	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	86885	50.433	ug/l	95
89) n-Butylbenzene	12.335	91	172401	53.130	ug/l	97
90) Hexachloroethane	12.543	117	30443	48.361	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	85340	53.070	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16348	49.147	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	47798	53.594	ug/l	97
94) Hexachlorobutadiene	13.725	225	17623	50.428	ug/l	99
95) Naphthalene	13.780	128	200268	50.595	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49347	54.932	ug/l	95

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

