

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022970.D
 Acq On : 28 Jun 2021 11:30
 Operator : JC/MD
 Sample : VX0628WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 12:24:25 PM

Quant Time: Jun 28 16:20:28 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	67782	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57491	46.737	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.480%
35) Dibromofluoromethane	5.391	113	39212	47.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.653	98	152593	47.046	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.100%
62) 4-Bromofluorobenzene	11.085	95	55148	45.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	17147	17.930	ug/l	99
3) Chloromethane	1.295	50	18025	17.164	ug/l	98
4) Vinyl Chloride	1.374	62	16763	17.299	ug/l	99
5) Bromomethane	1.599	94	10213	19.131	ug/l	93
6) Chloroethane	1.685	64	9711	16.215	ug/l	97
7) Trichlorofluoromethane	1.886	101	25635	18.211	ug/l	99
8) Diethyl Ether	2.136	74	9799	18.035	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	16066	18.228	ug/l	91
10) Methyl Iodide	2.453	142	14786	16.748	ug/l	91
11) Tert butyl alcohol	2.977	59	21622	84.339	ug/l	97
12) 1,1-Dichloroethene	2.319	96	14775	16.802	ug/l	83
13) Acrolein	2.240	56	15299	95.949	ug/l	100
14) Allyl chloride	2.666	41	29867	17.878	ug/l	91
15) Acrylonitrile	3.069	53	54924	93.717	ug/l	98
16) Acetone	2.386	43	50039	91.758	ug/l	90
17) Carbon Disulfide	2.514	76	34717	16.986	ug/l	98
18) Methyl Acetate	2.709	43	26345	19.630	ug/l	# 89
19) Methyl tert-butyl Ether	3.117	73	57750	18.313	ug/l	96
20) Methylene Chloride	2.788	84	19320	18.102	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	16560	16.976	ug/l	99
22) Diisopropyl ether	3.770	45	63573	18.294	ug/l	# 92
23) Vinyl Acetate	3.727	43	274927	94.310	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	32851	17.695	ug/l	99
25) 2-Butanone	4.568	43	78342	92.381	ug/l	# 89
26) 2,2-Dichloropropane	4.483	77	25723	18.258	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	19545	18.052	ug/l	95
28) Bromochloromethane	4.910	49	17435	19.934	ug/l	# 74
29) Tetrahydrofuran	5.013	42	50772	93.079	ug/l	88
30) Chloroform	5.099	83	32967	17.654	ug/l	98
31) Cyclohexane	5.471	56	30702	17.679	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	26667	17.774	ug/l	96
36) 1,1-Dichloropropene	5.690	75	24790	17.909	ug/l	94
37) Ethyl Acetate	4.721	43	31382	19.571	ug/l	# 91
38) Carbon Tetrachloride	5.684	117	21059	18.138	ug/l	96
39) Methylcyclohexane	7.385	83	28553	17.683	ug/l	96
40) Benzene	6.044	78	72540	18.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	15837	17.928	ug/l	92
42) 1,2-Dichloroethane	6.092	62	27895	18.994	ug/l	95
43) Isopropyl Acetate	6.349	43	48450	18.794	ug/l #	91
44) Trichloroethene	7.129	130	16781	17.728	ug/l	98
45) 1,2-Dichloropropane	7.434	63	19366	18.810	ug/l	99
46) Dibromomethane	7.586	93	12315	18.030	ug/l #	84
47) Bromodichloromethane	7.830	83	21970	17.835	ug/l	97
48) Methyl methacrylate	7.696	41	22067	18.495	ug/l	86
49) 1,4-Dioxane	7.665	88	9422	366.853	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	155279	96.781	ug/l	88
52) Toluene	8.720	92	44931	18.621	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	25526	18.068	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	27992	17.745	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	17914	18.504	ug/l	98
56) Ethyl methacrylate	9.122	69	29151	18.046	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	33057	18.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	77018	90.109	ug/l	94
59) 2-Hexanone	9.433	43	117054	96.166	ug/l	87
60) Dibromochloromethane	9.525	129	14609	17.931	ug/l	99
61) 1,2-Dibromoethane	9.610	107	18089	18.398	ug/l	98
64) Tetrachloroethene	9.275	164	14653	17.820	ug/l #	85
65) Chlorobenzene	10.080	112	44360	18.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	14396	18.078	ug/l	94
67) Ethyl Benzene	10.195	91	84180	18.552	ug/l	96
68) m/p-Xylenes	10.305	106	62564	37.128	ug/l	95
69) o-Xylene	10.647	106	30046	18.320	ug/l	96
70) Styrene	10.659	104	49998	18.367	ug/l	96
71) Bromoform	10.799	173	8050	17.399	ug/l #	98
73) Isopropylbenzene	10.964	105	79283	18.884	ug/l	99
74) N-amyl acetate	10.848	43	40402	18.403	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	27447	19.034	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	25732m	19.633	ug/l	
77) Bromobenzene	11.201	156	15893	18.204	ug/l	76
78) n-propylbenzene	11.305	91	93835	18.471	ug/l	96
79) 2-Chlorotoluene	11.366	91	57237	18.661	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	65514	19.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7582	20.103	ug/l #	81
82) 4-Chlorotoluene	11.457	91	64950	18.323	ug/l	94
83) tert-Butylbenzene	11.720	119	59516	18.280	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	65314	18.823	ug/l	96
85) sec-Butylbenzene	11.896	105	82687	18.832	ug/l	96
86) p-Isopropyltoluene	12.012	119	64600	18.515	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	31487	18.693	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	31828	18.071	ug/l	96
89) n-Butylbenzene	12.335	91	61679	18.593	ug/l	97
90) Hexachloroethane	12.543	117	9790	17.756	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	31427	19.117	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5289	18.268	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	16754	18.375	ug/l	97
94) Hexachlorobutadiene	13.725	225	6786	18.994	ug/l	99
95) Naphthalene	13.780	128	68624	18.236	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	16771	18.261	ug/l	97

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

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