

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022702.D
 Acq On : 15 Jun 2021 16:30
 Operator : JC/MD
 Sample : VX0615WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:50 PM

Quant Time: Jun 16 05:26:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	71762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58782	45.546	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.391	113	42848	48.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	8.653	98	171772	49.755	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.500%		
62) 4-Bromofluorobenzene	11.085	95	63463	48.605	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	15419	18.310	ug/l	97
3) Chloromethane	1.294	50	16706	16.417	ug/l	99
4) Vinyl Chloride	1.374	62	16690	16.692	ug/l	99
5) Bromomethane	1.599	94	9093	16.718	ug/l	98
6) Chloroethane	1.685	64	10205	16.856	ug/l	89
7) Trichlorofluoromethane	1.886	101	25405	17.645	ug/l	96
8) Diethyl Ether	2.136	74	10323	17.747	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	15866	18.062	ug/l	88
10) Methyl Iodide	2.453	142	13012	13.212	ug/l #	90
11) Tert butyl alcohol	2.977	59	24608	82.348	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15673	17.989	ug/l	96
13) Acrolein	2.239	56	12700	101.415	ug/l	100
14) Allyl chloride	2.666	41	29075	17.262	ug/l	92
15) Acrylonitrile	3.068	53	52789	89.945	ug/l	100
16) Acetone	2.386	43	48166	83.346	ug/l	97
17) Carbon Disulfide	2.514	76	31252	15.941	ug/l	97
18) Methyl Acetate	2.709	43	29749	17.101	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	54028	17.872	ug/l	99
20) Methylene Chloride	2.794	84	20379	18.085	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	16299	16.883	ug/l	89
22) Diisopropyl ether	3.770	45	59252	17.775	ug/l	96
23) Vinyl Acetate	3.727	43	274062	89.213	ug/l	95
24) 1,1-Dichloroethane	3.611	63	34415	17.791	ug/l	97
25) 2-Butanone	4.568	43	81097	86.526	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	27930	18.933	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	20731	17.625	ug/l	97
28) Bromochloromethane	4.910	49	17375	18.576	ug/l #	74
29) Tetrahydrofuran	5.019	42	47899	87.772	ug/l	88
30) Chloroform	5.105	83	34559	17.924	ug/l	95
31) Cyclohexane	5.471	56	26854	17.248	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	27938	17.667	ug/l	95
36) 1,1-Dichloropropene	5.696	75	25167	18.401	ug/l	96
37) Ethyl Acetate	4.727	43	31097	17.889	ug/l	95
38) Carbon Tetrachloride	5.678	117	22251	19.019	ug/l	94
39) Methylcyclohexane	7.385	83	26709	18.720	ug/l	94
40) Benzene	6.044	78	76683	18.846	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	17931	19.249	ug/l	91
42) 1,2-Dichloroethane	6.092	62	27998	18.707	ug/l	99
43) Isopropyl Acetate	6.348	43	52206	19.017	ug/l #	93
44) Trichloroethene	7.129	130	18217	19.072	ug/l	91
45) 1,2-Dichloropropane	7.434	63	20644	18.804	ug/l	98
46) Dibromomethane	7.586	93	13140	18.640	ug/l #	84
47) Bromodichloromethane	7.824	83	24450	18.784	ug/l	97
48) Methyl methacrylate	7.696	41	24104	18.290	ug/l	87
49) 1,4-Dioxane	7.665	88	9707	386.997	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	166990	95.829	ug/l	90
52) Toluene	8.720	92	47749	18.855	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	26994	18.037	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	30553	18.369	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	19638	18.952	ug/l	96
56) Ethyl methacrylate	9.122	69	30991	18.070	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	34501	19.144	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	84936	90.924	ug/l	95
59) 2-Hexanone	9.433	43	126713	95.173	ug/l	88
60) Dibromochloromethane	9.525	129	16167	18.047	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19726	19.073	ug/l	98
64) Tetrachloroethene	9.275	164	16096	20.151	ug/l	91
65) Chlorobenzene	10.079	112	49283	18.721	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	16137	18.137	ug/l	98
67) Ethyl Benzene	10.195	91	92733	19.135	ug/l	97
68) m/p-Xylenes	10.305	106	67809	38.630	ug/l	96
69) o-Xylene	10.646	106	32908	19.349	ug/l	97
70) Styrene	10.659	104	55479	18.603	ug/l	97
71) Bromoform	10.805	173	9173	18.029	ug/l #	95
73) Isopropylbenzene	10.963	105	88404	19.810	ug/l	98
74) N-amyl acetate	10.848	43	44391	18.496	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	31694	19.967	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	28219m	19.583	ug/l	
77) Bromobenzene	11.201	156	18211	19.102	ug/l	83
78) n-propylbenzene	11.305	91	104627	19.410	ug/l	97
79) 2-Chlorotoluene	11.366	91	63877	19.584	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	74195	19.959	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7903	18.491	ug/l #	80
82) 4-Chlorotoluene	11.457	91	71701	19.210	ug/l	96
83) tert-Butylbenzene	11.719	119	69171	19.812	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	74791	19.835	ug/l	97
85) sec-Butylbenzene	11.896	105	90903	19.934	ug/l	97
86) p-Isopropyltoluene	12.012	119	74725	19.849	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	35633	19.693	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	35373	18.990	ug/l	95
89) n-Butylbenzene	12.335	91	71909	19.951	ug/l	96
90) Hexachloroethane	12.542	117	9858	18.271	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	34861	19.772	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5633	17.800	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	20216	19.112	ug/l	94
94) Hexachlorobutadiene	13.725	225	7790	20.536	ug/l	97
95) Naphthalene	13.780	128	81869	18.676	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20507	19.886	ug/l	96

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

