

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022703.D
 Acq On : 15 Jun 2021 16:57
 Operator : JC/MD
 Sample : VX0615WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:51 PM

Quant Time: Jun 16 05:26:40 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	67887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	133555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58772	48.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.280%
35) Dibromofluoromethane	5.391	113	41719	48.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.653	98	164336	48.923	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.085	95	61499	48.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	14793	18.569	ug/l	95
3) Chloromethane	1.294	50	16241	16.871	ug/l	99
4) Vinyl Chloride	1.374	62	15831	16.737	ug/l	98
5) Bromomethane	1.599	94	8570	16.656	ug/l	96
6) Chloroethane	1.685	64	10674	18.637	ug/l	95
7) Trichlorofluoromethane	1.886	101	24876	18.263	ug/l	95
8) Diethyl Ether	2.136	74	9632	17.504	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	15247	18.348	ug/l	90
10) Methyl Iodide	2.459	142	12957	13.907	ug/l	91
11) Tert butyl alcohol	2.971	59	24082	85.188	ug/l	99
12) 1,1-Dichloroethene	2.319	96	14303	17.354	ug/l	91
13) Acrolein	2.239	56	12496	105.481	ug/l	96
14) Allyl chloride	2.666	41	28354	17.795	ug/l	93
15) Acrylonitrile	3.075	53	51641	93.012	ug/l	97
16) Acetone	2.386	43	48784	89.233	ug/l	92
17) Carbon Disulfide	2.514	76	30997	16.713	ug/l	99
18) Methyl Acetate	2.709	43	29795	18.106	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	54868	19.186	ug/l	94
20) Methylene Chloride	2.794	84	19851	18.630	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	16132	17.664	ug/l	96
22) Diisopropyl ether	3.770	45	57914	18.365	ug/l	96
23) Vinyl Acetate	3.727	43	273940	94.264	ug/l	94
24) 1,1-Dichloroethane	3.617	63	33170	18.127	ug/l	97
25) 2-Butanone	4.568	43	82779	93.362	ug/l	91
26) 2,2-Dichloropropane	4.483	77	25871	18.538	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	20051	18.019	ug/l	95
28) Bromochloromethane	4.904	49	17281	19.530	ug/l #	77
29) Tetrahydrofuran	5.019	42	46869	90.787	ug/l	89
30) Chloroform	5.105	83	33072	18.132	ug/l	98
31) Cyclohexane	5.477	56	25382	17.233	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	27075	18.076	ug/l	96
36) 1,1-Dichloropropene	5.696	75	24328	18.282	ug/l	95
37) Ethyl Acetate	4.727	43	29768	17.600	ug/l	96
38) Carbon Tetrachloride	5.678	117	21091	18.528	ug/l	98
39) Methylcyclohexane	7.385	83	25854	18.624	ug/l	97
40) Benzene	6.044	78	73739	18.626	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17511	19.320	ug/l	91
42) 1,2-Dichloroethane	6.092	62	28388	19.494	ug/l	96
43) Isopropyl Acetate	6.348	43	51005	19.096	ug/l #	94
44) Trichloroethene	7.129	130	16934	18.221	ug/l	96
45) 1,2-Dichloropropane	7.440	63	19413	18.174	ug/l	99
46) Dibromomethane	7.586	93	12859	18.740	ug/l #	84
47) Bromodichloromethane	7.824	83	23926	18.876	ug/l	93
48) Methyl methacrylate	7.696	41	23788	18.552	ug/l	86
49) 1,4-Dioxane	7.665	88	9633	394.712	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	164660	97.116	ug/l	91
52) Toluene	8.720	92	45971	18.657	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	26574	18.211	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	29676	18.342	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	19232	19.075	ug/l	96
56) Ethyl methacrylate	9.122	69	30800	18.408	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	34158	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	84466	92.932	ug/l	95
59) 2-Hexanone	9.433	43	126099	97.343	ug/l	88
60) Dibromochloromethane	9.525	129	15795	18.108	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19349	19.228	ug/l	99
64) Tetrachloroethene	9.275	164	14872	19.356	ug/l #	90
65) Chlorobenzene	10.079	112	47325	18.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15696	18.319	ug/l	95
67) Ethyl Benzene	10.195	91	89094	19.112	ug/l	99
68) m/p-Xylenes	10.305	106	65207	38.618	ug/l	95
69) o-Xylene	10.646	106	32451	19.835	ug/l	100
70) Styrene	10.659	104	53490	18.643	ug/l	98
71) Bromoform	10.805	173	8908	18.156	ug/l #	99
73) Isopropylbenzene	10.963	105	86459	19.770	ug/l	100
74) N-amyl acetate	10.848	43	43935	18.681	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	30832	19.822	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27720m	19.630	ug/l	
77) Bromobenzene	11.201	156	18052	19.323	ug/l	84
78) n-propylbenzene	11.305	91	101074	19.135	ug/l	97
79) 2-Chlorotoluene	11.366	91	61035	19.096	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	71008	19.493	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8283	19.360	ug/l #	84
82) 4-Chlorotoluene	11.457	91	71020	19.417	ug/l	96
83) tert-Butylbenzene	11.719	119	66357	19.395	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	72908	19.732	ug/l	98
85) sec-Butylbenzene	11.896	105	87440	19.567	ug/l	98
86) p-Isopropyltoluene	12.012	119	70954	19.233	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	34220	19.299	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	33794	18.514	ug/l	95
89) n-Butylbenzene	12.335	91	68074	19.274	ug/l	98
90) Hexachloroethane	12.542	117	9439	17.936	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	33420	19.342	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5543	17.857	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	19070	18.397	ug/l	96
94) Hexachlorobutadiene	13.725	225	7307	19.657	ug/l	98
95) Naphthalene	13.780	128	80642	18.765	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20567	20.353	ug/l	95

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

