

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022759.D
 Acq On : 18 Jun 2021 11:52
 Operator : JC/MD
 Sample : VX0618WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 10:57:28 AM

Quant Time: Jun 19 01:42:18 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	5.556	168	63550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53312	46.645	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.300%		
35) Dibromofluoromethane	5.391	113	39382	49.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	8.653	98	149458	47.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.980%		
62) 4-Bromofluorobenzene	11.085	95	54615	45.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	12268	16.450	ug/l	100
3) Chloromethane	1.294	50	13652	15.150	ug/l	97
4) Vinyl Chloride	1.373	62	14098	15.922	ug/l	92
5) Bromomethane	1.605	94	8018	16.646	ug/l	91
6) Chloroethane	1.684	64	9121	17.012	ug/l	96
7) Trichlorofluoromethane	1.885	101	22392	17.562	ug/l	94
8) Diethyl Ether	2.135	74	9217	17.893	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.330	101	13899	17.868	ug/l	88
10) Methyl Iodide	2.452	142	12541	14.379	ug/l	95
11) Tert butyl alcohol	2.971	59	20488	77.421	ug/l	98
12) 1,1-Dichloroethene	2.318	96	13173	17.074	ug/l	95
13) Acrolein	2.239	56	9634	86.873	ug/l	100
14) Allyl chloride	2.666	41	24990	16.754	ug/l	94
15) Acrylonitrile	3.068	53	47449	91.294	ug/l	100
16) Acetone	2.385	43	44341	86.642	ug/l	92
17) Carbon Disulfide	2.513	76	24406	14.057	ug/l	97
18) Methyl Acetate	2.708	43	27452	17.820	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	49140	18.355	ug/l	98
20) Methylene Chloride	2.788	84	17415	17.442	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	14990	17.534	ug/l	94
22) Diisopropyl ether	3.769	45	53574	18.149	ug/l	95
23) Vinyl Acetate	3.727	43	244222	89.773	ug/l	94
24) 1,1-Dichloroethane	3.617	63	30279	17.676	ug/l	98
25) 2-Butanone	4.562	43	72455	87.295	ug/l	91
26) 2,2-Dichloropropane	4.476	77	22900	17.529	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	18141	17.416	ug/l	96
28) Bromochloromethane	4.897	49	14878	17.962	ug/l #	79
29) Tetrahydrofuran	5.019	42	42283	87.494	ug/l	90
30) Chloroform	5.104	83	30998	18.154	ug/l	97
31) Cyclohexane	5.476	56	22938	16.636	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	24582	17.559	ug/l	97
36) 1,1-Dichloropropene	5.696	75	21996	17.641	ug/l	94
37) Ethyl Acetate	4.720	43	29356	18.524	ug/l #	93
38) Carbon Tetrachloride	5.684	117	19747	18.515	ug/l	89
39) Methylcyclohexane	7.384	83	21973	16.893	ug/l	96
40) Benzene	6.043	78	66450	17.914	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15170	17.863	ug/l	93
42) 1,2-Dichloroethane	6.092	62	25781	18.895	ug/l	96
43) Isopropyl Acetate	6.348	43	45602	18.221	ug/l #	92
44) Trichloroethene	7.128	130	14966	17.187	ug/l	82
45) 1,2-Dichloropropane	7.433	63	18687	18.671	ug/l	98
46) Dibromomethane	7.586	93	11993	18.660	ug/l #	83
47) Bromodichloromethane	7.823	83	21041	17.882	ug/l	99
48) Methyl methacrylate	7.695	41	21305	17.733	ug/l	88
49) 1,4-Dioxane	7.665	88	8162	356.936	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	147401	92.785	ug/l	91
52) Toluene	8.720	92	40899	17.715	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	23663	17.469	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	26857	17.801	ug/l	90
55) 1,1,2-Trichloroethane	9.152	97	17188	18.195	ug/l	93
56) Ethyl methacrylate	9.122	69	28192	18.036	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	30841	18.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	76361	89.667	ug/l	95
59) 2-Hexanone	9.433	43	112810	92.942	ug/l	88
60) Dibromochloromethane	9.524	129	14214	17.517	ug/l	97
61) 1,2-Dibromoethane	9.610	107	17108	18.145	ug/l	99
64) Tetrachloroethene	9.274	164	13590	18.899	ug/l #	90
65) Chlorobenzene	10.079	112	42685	18.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	14920	18.579	ug/l	96
67) Ethyl Benzene	10.195	91	79670	18.261	ug/l	99
68) m/p-Xylenes	10.305	106	59602	37.717	ug/l	99
69) o-Xylene	10.646	106	29147	19.037	ug/l	97
70) Styrene	10.658	104	47060	17.613	ug/l	96
71) Bromoform	10.805	173	7606	16.980	ug/l #	99
73) Isopropylbenzene	10.963	105	76877	18.970	ug/l	99
74) N-amyl acetate	10.847	43	38001	17.436	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	27986	19.415	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	24324m	18.588	ug/l	
77) Bromobenzene	11.201	156	16441	18.991	ug/l	82
78) n-propylbenzene	11.305	91	92085	18.813	ug/l	98
79) 2-Chlorotoluene	11.365	91	54384	18.361	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	64255	19.034	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	6610	17.505	ug/l #	80
82) 4-Chlorotoluene	11.457	91	64015	18.886	ug/l	95
83) tert-Butylbenzene	11.719	119	60380	19.044	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	65409	19.103	ug/l	99
85) sec-Butylbenzene	11.896	105	78513	18.960	ug/l	97
86) p-Isopropyltoluene	12.012	119	63702	18.634	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	30673	18.667	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	31647	18.710	ug/l	96
89) n-Butylbenzene	12.335	91	60570	18.506	ug/l	96
90) Hexachloroethane	12.542	117	8620	17.729	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	31539	19.698	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.951	75	5014	17.525	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	17716	18.443	ug/l	96
94) Hexachlorobutadiene	13.731	225	6486	18.829	ug/l	99
95) Naphthalene	13.780	128	70213	17.720	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17515	18.704	ug/l	97

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

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