Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
Data File : VW019507.D
Acq On : 20 Jul 2021 13:12
Operator : SY/VA
Sample : VW0720SBS01
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

Manual Integrations APPROVED
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7/21/2021 5:52:33 PM

Quant Time: Jul 20 13:29:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	278969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	480479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	429289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	210534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	136664	50.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.885	113	128443	43.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.500%			
50) Toluene-d8	10.323	98	485942	42.755	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.520%			
62) 4-Bromofluorobenzene	12.622	95	184720	43.328	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	36703	18.453	ug/l	99
3) Chloromethane	2.215	50	43606	18.088	ug/l	94
4) Vinyl Chloride	2.367	62	64558	19.647	ug/l	98
5) Bromomethane	2.782	94	36129	19.052	ug/l	99
6) Chloroethane	2.928	64	37375	20.063	ug/l	96
7) Trichlorofluoromethane	3.257	101	38586	18.422	ug/l	98
8) Diethyl Ether	3.684	74	29651	18.107	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	57323	19.456	ug/l	99
10) Methyl Iodide	4.275	142	75313	19.631	ug/l	98
11) Tert butyl alcohol	5.208	59	17615	78.755	ug/l	97
12) 1,1-Dichloroethene	4.044	96	59079	19.267	ug/l	98
13) Acrolein	3.897	56	19522	105.265	ug/l	97
14) Allyl chloride	4.672	41	87789	19.934	ug/l	99
15) Acrylonitrile	5.373	53	64177	91.830	ug/l	100
16) Acetone	4.141	43	56759	111.871	ug/l	96
17) Carbon Disulfide	4.391	76	166154	18.943	ug/l	97
18) Methyl Acetate	4.678	43	30576	18.147	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	80683	18.710	ug/l	96
20) Methylene Chloride	4.922	84	82964	22.368	ug/l	99
21) trans-1,2-Dichloroethene	5.422	96	64680	19.377	ug/l	91
22) Diisopropyl ether	6.312	45	184977	19.629	ug/l	95
23) Vinyl Acetate	6.257	43	524534	92.713	ug/l	99
24) 1,1-Dichloroethane	6.220	63	121871	19.364	ug/l	99
25) 2-Butanone	7.177	43	82655	94.705	ug/l	96
26) 2,2-Dichloropropane	7.171	77	66059	19.715	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	71605	19.230	ug/l	99
28) Bromochloromethane	7.519	49	52403	20.853	ug/l	99
29) Tetrahydrofuran	7.537	42	51383	88.623	ug/l	99
30) Chloroform	7.677	83	119978	19.508	ug/l	100
31) Cyclohexane	7.958	56	112579	19.205	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	91409	20.013	ug/l	99
36) 1,1-Dichloropropene	8.086	75	97097	18.956	ug/l	98
37) Ethyl Acetate	7.257	43	37590	17.510	ug/l	100
38) Carbon Tetrachloride	8.067	117	83489	18.658	ug/l	96
39) Methylcyclohexane	9.336	83	112099	18.412	ug/l	99
40) Benzene	8.330	78	271031	18.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	20829	17.090	ug/l		92
42) 1,2-Dichloroethane	8.403	62	75975	18.369	ug/l		99
43) Isopropyl Acetate	8.427	43	68792	17.142	ug/l		99
44) Trichloroethene	9.098	130	66084	18.292	ug/l		99
45) 1,2-Dichloropropane	9.366	63	67124	18.540	ug/l		98
46) Dibromomethane	9.464	93	32780	17.849	ug/l		99
47) Bromodichloromethane	9.646	83	83225	18.041	ug/l		98
48) Methyl methacrylate	9.439	41	31037	16.880	ug/l		96
49) 1,4-Dioxane	9.464	88	9555	351.665	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.213	43	182407	88.120	ug/l		98
52) Toluene	10.390	92	168972	18.988	ug/l		97
53) t-1,3-Dichloropropene	10.610	75	82547	17.543	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	101371	18.105	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	47054	18.191	ug/l		99
56) Ethyl methacrylate	10.646	69	58689	17.329	ug/l		98
57) 1,3-Dichloropropane	10.933	76	83784	17.909	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	158289	100.988	ug/l		98
59) 2-Hexanone	10.969	43	126407	92.043	ug/l		96
60) Dibromochloromethane	11.128	129	50258	17.685	ug/l		100
61) 1,2-Dibromoethane	11.238	107	43875	17.968	ug/l		97
64) Tetrachloroethene	10.866	164	54866	19.029	ug/l		97
65) Chlorobenzene	11.658	112	173454	18.995	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	58611	18.660	ug/l		99
67) Ethyl Benzene	11.731	91	319016	19.084	ug/l		99
68) m/p-Xylenes	11.841	106	244541	38.268	ug/l		99
69) o-Xylene	12.170	106	113050	18.923	ug/l		96
70) Styrene	12.183	104	192338	19.058	ug/l		99
71) Bromoform	12.347	173	27993	17.876	ug/l	#	96
73) Isopropylbenzene	12.463	105	306213	19.143	ug/l		99
74) N-amyl acetate	12.274	43	64197	17.541	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	54710	18.186	ug/l		100
76) 1,2,3-Trichloropropane	12.768	75	36888m	17.728	ug/l		
77) Bromobenzene	12.743	156	67521	18.725	ug/l		99
78) n-propylbenzene	12.804	91	388327	19.417	ug/l		99
79) 2-Chlorotoluene	12.890	91	222794	18.948	ug/l		99
80) 1,3,5-Trimethylbenzene	12.945	105	266083	19.507	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	15302	16.760	ug/l		91
82) 4-Chlorotoluene	12.987	91	233328	19.190	ug/l		99
83) tert-Butylbenzene	13.207	119	220126	19.022	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	264163	19.352	ug/l		100
85) sec-Butylbenzene	13.384	105	342879	19.276	ug/l		100
86) p-Isopropyltoluene	13.499	119	281151	19.181	ug/l		100
87) 1,3-Dichlorobenzene	13.499	146	137497	18.630	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	140269	19.201	ug/l		98
89) n-Butylbenzene	13.823	91	279429	19.474	ug/l		99
90) Hexachloroethane	14.091	117	48443	18.747	ug/l		98
91) 1,2-Dichlorobenzene	13.865	146	121891	18.778	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8762	17.567	ug/l		99
93) 1,2,4-Trichlorobenzene	15.133	180	81539	18.609	ug/l		99
94) Hexachlorobutadiene	15.231	225	45887	18.511	ug/l		96
95) Naphthalene	15.365	128	141855	17.676	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	71694	18.718	ug/l		97

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

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