Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
Data File : VW019987.D
Acq On : 07 Sep 2021 17:19
Operator : SY/VA
Sample : VW0907SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

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9/8/2021 7:11:57 PM

Quant Time: Sep 08 12:27:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 08 12:18:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	176270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	285643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	260203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	135532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	106124	51.861	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.720%			
35) Dibromofluoromethane	7.891	113	93958	50.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.180%			
50) Toluene-d8	10.323	98	360620	51.717	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.621	95	128129	49.661	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	21894	20.453	ug/l	98
3) Chloromethane	2.215	50	30598	19.202	ug/l	97
4) Vinyl Chloride	2.373	62	50844	19.679	ug/l	97
5) Bromomethane	2.782	94	43761	20.891	ug/l	93
6) Chloroethane	2.928	64	35533	19.964	ug/l	98
7) Trichlorofluoromethane	3.263	101	27342	18.496	ug/l	89
8) Diethyl Ether	3.690	74	19143	21.147	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	38538	19.967	ug/l	100
10) Methyl Iodide	4.281	142	53124	20.097	ug/l	98
11) Tert butyl alcohol	5.184	59	11902	121.517	ug/l	99
12) 1,1-Dichloroethene	4.044	96	35410	19.469	ug/l	99
13) Acrolein	3.903	56	8528	114.266	ug/l	94
14) Allyl chloride	4.678	41	48901	19.769	ug/l	99
15) Acrylonitrile	5.373	53	42730	113.279	ug/l	99
16) Acetone	4.129	43	34558	105.145	ug/l	96
17) Carbon Disulfide	4.391	76	108328	19.573	ug/l	99
18) Methyl Acetate	4.678	43	21621	23.172	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	51433	21.434	ug/l	99
20) Methylene Chloride	4.922	84	55539	24.611	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	41156	19.923	ug/l	98
22) Diisopropyl ether	6.318	45	107577	20.524	ug/l	96
23) Vinyl Acetate	6.263	43	296104	103.199	ug/l	100
24) 1,1-Dichloroethane	6.226	63	74091	19.961	ug/l	98
25) 2-Butanone	7.177	43	52233	110.849	ug/l	93
26) 2,2-Dichloropropane	7.171	77	43592	19.422	ug/l	99
27) cis-1,2-Dichloroethene	7.177	96	44316	20.088	ug/l	99
28) Bromochloromethane	7.519	49	29270	19.868	ug/l	98
29) Tetrahydrofuran	7.537	42	34457	117.537	ug/l	99
30) Chloroform	7.683	83	77421	19.795	ug/l	97
31) Cyclohexane	7.958	56	65541	19.647	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	62166	19.643	ug/l	99
36) 1,1-Dichloropropene	8.086	75	59183	19.696	ug/l	100
37) Ethyl Acetate	7.256	43	25749	23.307	ug/l	97
38) Carbon Tetrachloride	8.073	117	58405	19.062	ug/l	99
39) Methylcyclohexane	9.341	83	68690	19.725	ug/l	99
40) Benzene	8.329	78	164668	19.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	13266	21.693	ug/l		96
42) 1,2-Dichloroethane	8.403	62	52364	20.603	ug/l		99
43) Isopropyl Acetate	8.427	43	46321	22.092	ug/l		98
44) Trichloroethene	9.098	130	42652	19.639	ug/l		99
45) 1,2-Dichloropropane	9.372	63	40867	20.305	ug/l		94
46) Dibromomethane	9.457	93	23173	20.409	ug/l		97
47) Bromodichloromethane	9.646	83	55176	19.505	ug/l		95
48) Methyl methacrylate	9.439	41	19663	21.985	ug/l		99
49) 1,4-Dioxane	9.457	88	6139	415.146	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.213	43	121659	111.903	ug/l		100
52) Toluene	10.390	92	105466	20.126	ug/l		98
53) t-1,3-Dichloropropene	10.610	75	54017	19.906	ug/l		96
54) cis-1,3-Dichloropropene	10.079	75	62718	19.853	ug/l		95
55) 1,1,2-Trichloroethane	10.792	97	31522	20.486	ug/l		96
56) Ethyl methacrylate	10.646	69	36199	20.715	ug/l		99
57) 1,3-Dichloropropane	10.933	76	55602	21.062	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	90845	115.619	ug/l		99
59) 2-Hexanone	10.969	43	81296	111.893	ug/l		99
60) Dibromochloromethane	11.134	129	36352	20.407	ug/l		99
61) 1,2-Dibromoethane	11.237	107	30291	21.024	ug/l		99
64) Tetrachloroethene	10.866	164	36506	20.219	ug/l		97
65) Chlorobenzene	11.658	112	111975	20.022	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	39109	19.622	ug/l		100
67) Ethyl Benzene	11.731	91	195052	19.769	ug/l		99
68) m/p-Xylenes	11.841	106	157237	40.381	ug/l		95
69) o-Xylene	12.170	106	70587	19.009	ug/l		99
70) Styrene	12.182	104	118498	18.828	ug/l		99
71) Bromoform	12.353	173	20041	20.423	ug/l	#	100
73) Isopropylbenzene	12.463	105	189526	19.154	ug/l		99
74) N-amyl acetate	12.274	43	41411	20.814	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	37489	21.288	ug/l		100
76) 1,2,3-Trichloropropane	12.768	75	25763m	20.464	ug/l		
77) Bromobenzene	12.749	156	45139	20.291	ug/l		100
78) n-propylbenzene	12.804	91	242065	19.186	ug/l		99
79) 2-Chlorotoluene	12.896	91	138430	19.695	ug/l		100
80) 1,3,5-Trimethylbenzene	12.944	105	167661	18.949	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	10815	20.538	ug/l		99
82) 4-Chlorotoluene	12.987	91	141541	19.155	ug/l		97
83) tert-Butylbenzene	13.207	119	137626	18.911	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	167827	19.348	ug/l		99
85) sec-Butylbenzene	13.383	105	212578	18.822	ug/l		100
86) p-Isopropyltoluene	13.499	119	176340	18.604	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	91240	19.344	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	92743	19.812	ug/l		99
89) n-Butylbenzene	13.822	91	164785	18.204	ug/l		100
90) Hexachloroethane	14.091	117	32506	18.792	ug/l		98
91) 1,2-Dichlorobenzene	13.871	146	81207	19.822	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6242	21.602	ug/l		97
93) 1,2,4-Trichlorobenzene	15.133	180	51148	20.477	ug/l		97
94) Hexachlorobutadiene	15.231	225	27863	18.781	ug/l		90
95) Naphthalene	15.365	128	95679	21.128	ug/l		100
96) 1,2,3-Trichlorobenzene	15.548	180	46945	21.442	ug/l		98

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

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