Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068164.D
Acq On : 25 Jan 2021 12:46
Operator : VA/SY
Sample : VD0125SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 26 00:07:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0125SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	444802	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	762824	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	685865	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	303304	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	195411	45.92	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.84%				
35) Dibromofluoromethane	7.920	113	199068	47.20	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.40%				
50) Toluene-d8	10.343	98	736605	43.67	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.34%				
62) 4-Bromofluorobenzene	12.632	95	269758	44.41	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	103036	19.50	ug/l		94
3) Chloromethane	2.214	50	118509	20.83	ug/l		94
4) Vinyl Chloride	2.356	62	130278	20.58	ug/l		98
5) Bromomethane	2.767	94	90017	20.74	ug/l		98
6) Chloroethane	2.926	64	81006	20.95	ug/l		97
7) Trichlorofluoromethane	3.279	101	156221	18.80	ug/l		93
8) Diethyl Ether	3.708	74	47743	19.52	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.103	101	94369	19.48	ug/l		94
10) Methyl Iodide	4.308	142	84385	17.71	ug/l		93
11) Tert butyl alcohol	5.214	59	45097	71.68	ug/l	#	90
12) 1,1-Dichloroethene	4.073	96	95059	19.51	ug/l		91
13) Acrolein	3.926	56	32209	96.06	ug/l		98
14) Allyl chloride	4.720	41	136150	19.21	ug/l		96
15) Acrylonitrile	5.426	53	100978	104.22	ug/l		99
16) Acetone	4.161	43	76580	100.80	ug/l		97
17) Carbon Disulfide	4.414	76	293036	18.67	ug/l		100
18) Methyl Acetate	4.726	43	41587	21.09	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	226902	20.14	ug/l	#	92
20) Methylene Chloride	4.967	84	117810	19.79	ug/l		92
21) trans-1,2-Dichloroethene	5.473	96	108224	19.34	ug/l		97
22) Diisopropyl ether	6.367	45	282551	19.75	ug/l		93
23) Vinyl Acetate	6.308	43	756787	99.26	ug/l		94
24) 1,1-Dichloroethane	6.267	63	180494	19.47	ug/l		99
25) 2-Butanone	7.214	43	114007	99.66	ug/l		100
26) 2,2-Dichloropropane	7.208	77	164686	18.78	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	118460	19.50	ug/l		92
28) Bromochloromethane	7.549	49	65258	20.67	ug/l	#	77
29) Tetrahydrofuran	7.561	42	74967	101.09	ug/l		95
30) Chloroform	7.714	83	185737	19.83	ug/l		93
31) Cyclohexane	7.985	56	174059	18.89	ug/l		94
32) 1,1,1-Trichloroethane	7.908	97	163448	19.37	ug/l		96
36) 1,1-Dichloropropene	8.114	75	146760	19.08	ug/l		97
37) Ethyl Acetate	7.297	43	54181	19.91	ug/l		97
38) Carbon Tetrachloride	8.102	117	138752	19.27	ug/l		97
39) Methylcyclohexane	9.355	83	190579	18.95	ug/l		98
40) Benzene	8.355	78	421762	19.61	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	26748	16.29	ug/l	#	81
42) 1,2-Dichloroethane	8.432	62	114538	19.93	ug/l		98
43) Isopropyl Acetate	8.455	43	111104	19.59	ug/l		95
44) Trichloroethene	9.114	130	113747	19.26	ug/l		95
45) 1,2-Dichloropropane	9.391	63	101550	19.28	ug/l		99
46) Dibromomethane	9.479	93	52252	19.58	ug/l		94
47) Bromodichloromethane	9.667	83	140525	19.51	ug/l		100
48) Methyl methacrylate	9.455	41	56122	19.88	ug/l		96
49) 1,4-Dioxane	9.461	88	12198	390.01	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.232	43	264435	100.32	ug/l		99
52) Toluene	10.408	92	265765	18.96	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	143807	19.73	ug/l		98
54) cis-1,3-Dichloropropene	10.090	75	167707	19.33	ug/l		94
55) 1,1,2-Trichloroethane	10.802	97	75277	19.90	ug/l		95
56) Ethyl methacrylate	10.661	69	96733	19.20	ug/l		90
57) 1,3-Dichloropropane	10.949	76	133146	19.95	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.943	63	244079	104.98	ug/l		92
59) 2-Hexanone	10.985	43	178937	97.93	ug/l		97
60) Dibromochloromethane	11.143	129	92806	19.57	ug/l		99
61) 1,2-Dibromoethane	11.249	107	74437	19.95	ug/l		99
64) Tetrachloroethene	10.879	164	94339	19.52	ug/l		94
65) Chlorobenzene	11.673	112	278016	19.08	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.743	131	99050	19.32	ug/l		95
67) Ethyl Benzene	11.743	91	518915	19.23	ug/l		98
68) m/p-Xylenes	11.855	106	381022	37.40	ug/l		96
69) o-Xylene	12.179	106	178205	18.84	ug/l		99
70) Styrene	12.196	104	308100	19.08	ug/l		98
71) Bromoform	12.361	173	50387	19.39	ug/l	#	97
73) Isopropylbenzene	12.479	105	492056	19.50	ug/l		100
74) N-amyl acetate	12.290	43	102780	19.59	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	81617	20.33	ug/l		99
76) 1,2,3-Trichloropropane	12.784	75	51549m	17.58	ug/l		
77) Bromobenzene	12.761	156	106388	19.66	ug/l		86
78) n-propylbenzene	12.820	91	577064	19.33	ug/l		97
79) 2-Chlorotoluene	12.908	91	320066	19.09	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	402508	19.15	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	27954	19.29	ug/l		97
82) 4-Chlorotoluene	13.008	91	345709	19.83	ug/l		95
83) tert-Butylbenzene	13.220	119	339109	19.04	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	397823	19.07	ug/l		100
85) sec-Butylbenzene	13.402	105	482093	19.35	ug/l		98
86) p-Isopropyltoluene	13.514	119	429880	18.97	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	201185	19.34	ug/l		97
88) 1,4-Dichlorobenzene	13.596	146	201449	19.65	ug/l		98
89) n-Butylbenzene	13.843	91	414364	19.05	ug/l		97
90) Hexachloroethane	14.108	117	76292	18.64	ug/l		89
91) 1,2-Dichlorobenzene	13.890	146	174933	19.63	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	12454	18.96	ug/l		81
93) 1,2,4-Trichlorobenzene	15.161	180	116282	19.03	ug/l		99
94) Hexachlorobutadiene	15.267	225	62067	18.33	ug/l		98
95) Naphthalene	15.402	128	221954	19.38	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	97282	18.88	ug/l		100

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

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

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