Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
Data File : VD069078.D
Acq On : 06 May 2021 16:26
Operator : VA/SY
Sample : VD0506SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0506SBSD01

Manual Integrations APPROVED
MMDadoda
5/7/2021 6:25:59 PM

Quant Time: May 07 01:10:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	284251	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	467779	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	467102	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234197	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	157867	43.09	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.18%				
35) Dibromofluoromethane	7.908	113	157308	49.04	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.08%				
50) Toluene-d8	10.338	98	600088	50.67	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.34%				
62) 4-Bromofluorobenzene	12.626	95	194987	50.06	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	62831	18.17	ug/l		98
3) Chloromethane	2.209	50	73184	17.20	ug/l		98
4) Vinyl Chloride	2.344	62	102272	18.18	ug/l		99
5) Bromomethane	2.738	94	65195	19.48	ug/l		99
6) Chloroethane	2.903	64	66663	20.38	ug/l		98
7) Trichlorofluoromethane	3.256	101	107975	17.48	ug/l		92
8) Diethyl Ether	3.709	74	26494	17.65	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.085	101	60845	18.39	ug/l		98
10) Methyl Iodide	4.297	142	48760	18.48	ug/l		97
11) Tert butyl alcohol	5.220	59	25711	68.58	ug/l	#	91
12) 1,1-Dichloroethene	4.062	96	57914	19.44	ug/l		94
13) Acrolein	3.920	56	18619	84.81	ug/l		96
14) Allyl chloride	4.703	41	59756	15.57	ug/l	#	93
15) Acrylonitrile	5.426	53	54524	83.57	ug/l		97
16) Acetone	4.162	43	42644	64.52	ug/l	#	87
17) Carbon Disulfide	4.403	76	175495	17.43	ug/l		100
18) Methyl Acetate	4.715	43	24143	16.92	ug/l		98
19) Methyl tert-butyl Ether	5.479	73	113970	16.74	ug/l		98
20) Methylene Chloride	4.956	84	107399	26.77	ug/l		90
21) trans-1,2-Dichloroethene	5.467	96	62881	17.77	ug/l		94
22) Diisopropyl ether	6.367	45	142670	16.65	ug/l	#	91
23) Vinyl Acetate	6.309	43	373651	76.28	ug/l		98
24) 1,1-Dichloroethane	6.261	63	106570	17.61	ug/l		98
25) 2-Butanone	7.214	43	60082	76.72	ug/l		96
26) 2,2-Dichloropropane	7.203	77	94042	16.64	ug/l		98
27) cis-1,2-Dichloroethene	7.208	96	73340	19.20	ug/l		94
28) Bromochloromethane	7.550	49	41100	16.82	ug/l		86
29) Tetrahydrofuran	7.561	42	36462	75.68	ug/l		89
30) Chloroform	7.703	83	123073	18.18	ug/l		90
31) Cyclohexane	7.979	56	86062	16.20	ug/l	#	87
32) 1,1,1-Trichloroethane	7.903	97	108940	17.63	ug/l		98
36) 1,1-Dichloropropene	8.108	75	87051	17.69	ug/l		95
37) Ethyl Acetate	7.291	43	28445	15.33	ug/l	#	95
38) Carbon Tetrachloride	8.097	117	98314	18.42	ug/l		96
39) Methylcyclohexane	9.350	83	99875	18.56	ug/l		96
40) Benzene	8.344	78	255530	18.76	ug/l		98

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41) Methacrylonitrile	7.520	41	15689m	14.58	ug/l		
42) 1,2-Dichloroethane	8.426	62	74734	17.56	ug/l		98
43) Isopropyl Acetate	8.450	43	55623	15.99	ug/l		93
44) Trichloroethene	9.108	130	73429	20.28	ug/l		91
45) 1,2-Dichloropropane	9.385	63	60716	18.11	ug/l		95
46) Dibromomethane	9.473	93	36648	19.02	ug/l		93
47) Bromodichloromethane	9.661	83	95577	18.86	ug/l		98
48) Methyl methacrylate	9.455	41	26513	15.46	ug/l		92
49) 1,4-Dioxane	9.461	88	7977	357.98	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	146493	82.26	ug/l		97
52) Toluene	10.402	92	168309	19.47	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	84017	19.08	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	96834	18.60	ug/l		98
55) 1,1,2-Trichloroethane	10.797	97	49107	19.19	ug/l	#	90
56) Ethyl methacrylate	10.661	69	49959	17.81	ug/l		92
57) 1,3-Dichloropropane	10.944	76	79975	18.54	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	138832	93.68	ug/l		97
59) 2-Hexanone	10.985	43	96567	80.34	ug/l		95
60) Dibromochloromethane	11.138	129	65928	19.36	ug/l		97
61) 1,2-Dibromoethane	11.244	107	49453	19.91	ug/l		99
64) Tetrachloroethene	10.873	164	58444	19.41	ug/l		92
65) Chlorobenzene	11.667	112	178231	18.70	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.738	131	67724	18.77	ug/l		98
67) Ethyl Benzene	11.744	91	306542	18.14	ug/l		98
68) m/p-Xylenes	11.849	106	241119	37.94	ug/l		98
69) o-Xylene	12.179	106	107331	18.84	ug/l		95
70) Styrene	12.191	104	190188	18.90	ug/l		98
71) Bromoform	12.355	173	36308	19.64	ug/l	#	98
73) Isopropylbenzene	12.479	105	292785	18.06	ug/l		100
74) N-amyl acetate	12.285	43	52136	15.32	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.726	83	56067	17.64	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	40121m	19.68	ug/l		
77) Bromobenzene	12.755	156	73285	19.53	ug/l		91
78) n-propylbenzene	12.814	91	361356	18.15	ug/l		99
79) 2-Chlorotoluene	12.902	91	200071	18.02	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	249973	18.11	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.526	75	16103	17.19	ug/l		93
82) 4-Chlorotoluene	13.002	91	215453	18.12	ug/l		97
83) tert-Butylbenzene	13.220	119	202967	18.05	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	255283	18.51	ug/l		98
85) sec-Butylbenzene	13.396	105	296404	18.21	ug/l		98
86) p-Isopropyltoluene	13.508	119	269964	17.97	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	149247	19.82	ug/l		96
88) 1,4-Dichlorobenzene	13.591	146	144260	19.43	ug/l		98
89) n-Butylbenzene	13.838	91	248926	17.46	ug/l		99
90) Hexachloroethane	14.102	117	55943	18.11	ug/l		92
91) 1,2-Dichlorobenzene	13.885	146	126688	19.35	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8578	16.41	ug/l		92
93) 1,2,4-Trichlorobenzene	15.155	180	75356	19.40	ug/l		98
94) Hexachlorobutadiene	15.255	225	41871	18.61	ug/l		96
95) Naphthalene	15.396	128	128404	18.02	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	67560	20.14	ug/l		96

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

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