Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068847.D
Acq On : 15 Apr 2021 10:41
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:34 PM

Quant Time: Apr 16 01:04:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	179112	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	285778	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	267093	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	144185	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	86455	45.67	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.34%				
35) Dibromofluoromethane	7.914	113	92488	49.76	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.52%				
50) Toluene-d8	10.338	98	355306	50.67	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.34%				
62) 4-Bromofluorobenzene	12.626	95	125560	53.91	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	77140	43.47	ug/l		98
3) Chloromethane	2.209	50	90463	43.36	ug/l		100
4) Vinyl Chloride	2.350	62	121218	46.24	ug/l		94
5) Bromomethane	2.768	94	86408	44.10	ug/l		99
6) Chloroethane	2.920	64	79849	46.36	ug/l		96
7) Trichlorofluoromethane	3.268	101	146279	47.43	ug/l		94
8) Diethyl Ether	3.709	74	41314	49.60	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.091	101	87738	47.14	ug/l		98
10) Methyl Iodide	4.303	142	88358	40.99	ug/l		98
11) Tert butyl alcohol	5.226	59	24881	247.28	ug/l	#	91
12) 1,1-Dichloroethene	4.067	96	82791	46.18	ug/l		98
13) Acrolein	3.920	56	17285	231.99	ug/l		98
14) Allyl chloride	4.715	41	99170	49.08	ug/l		93
15) Acrylonitrile	5.414	53	89942	240.60	ug/l		96
16) Acetone	4.156	43	76784	292.92	ug/l		95
17) Carbon Disulfide	4.403	76	280594	48.35	ug/l		98
18) Methyl Acetate	4.720	43	35556	49.37	ug/l		98
19) Methyl tert-butyl Ether	5.479	73	206178	51.83	ug/l		95
20) Methylene Chloride	4.962	84	106073	49.95	ug/l		96
21) trans-1,2-Dichloroethene	5.473	96	115654	50.24	ug/l		98
22) Diisopropyl ether	6.361	45	235412	48.09	ug/l		97
23) Vinyl Acetate	6.303	43	656200	252.92	ug/l		97
24) 1,1-Dichloroethane	6.261	63	177548	48.10	ug/l		96
25) 2-Butanone	7.214	43	96140	259.18	ug/l		96
26) 2,2-Dichloropropane	7.208	77	156141	51.79	ug/l		100
27) cis-1,2-Dichloroethene	7.208	96	115546	50.50	ug/l		99
28) Bromochloromethane	7.544	49	59640	44.76	ug/l		96
29) Tetrahydrofuran	7.556	42	59141	237.08	ug/l		98
30) Chloroform	7.708	83	183029	45.30	ug/l		96
31) Cyclohexane	7.985	56	137605	43.69	ug/l		97
32) 1,1,1-Trichloroethane	7.903	97	165694	46.93	ug/l		99
36) 1,1-Dichloropropene	8.108	75	142307	49.20	ug/l		99
37) Ethyl Acetate	7.291	43	45557	53.62	ug/l		95
38) Carbon Tetrachloride	8.097	117	147316	51.44	ug/l		99
39) Methylcyclohexane	9.355	83	172929	51.26	ug/l		97
40) Benzene	8.350	78	406139	47.98	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	26499m	52.68	ug/l		
42) 1,2-Dichloroethane	8.426	62	109909	49.12	ug/l		98
43) Isopropyl Acetate	8.450	43	83957	48.47	ug/l		98
44) Trichloroethene	9.108	130	117191	50.13	ug/l		84
45) 1,2-Dichloropropane	9.385	63	96493	47.73	ug/l		92
46) Dibromomethane	9.473	93	55721	49.47	ug/l		93
47) Bromodichloromethane	9.661	83	146915	49.93	ug/l		97
48) Methyl methacrylate	9.455	41	45253	53.02	ug/l		99
49) 1,4-Dioxane	9.461	88	13586	1139.36	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.226	43	224419	257.06	ug/l		100
52) Toluene	10.402	92	268417	50.08	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	135125	51.81	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	153472	49.20	ug/l		92
55) 1,1,2-Trichloroethane	10.797	97	78540	49.32	ug/l		97
56) Ethyl methacrylate	10.661	69	91273	55.68	ug/l		98
57) 1,3-Dichloropropane	10.944	76	127650	48.68	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	210077	241.34	ug/l		99
59) 2-Hexanone	10.985	43	161872	277.11	ug/l		100
60) Dibromochloromethane	11.138	129	108094	54.13	ug/l		99
61) 1,2-Dibromoethane	11.244	107	81999	52.98	ug/l		99
64) Tetrachloroethene	10.873	164	94221	50.33	ug/l		98
65) Chlorobenzene	11.667	112	271517	46.96	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	106367	51.17	ug/l		99
67) Ethyl Benzene	11.744	91	515202	51.46	ug/l		100
68) m/p-Xylenes	11.849	106	397374	102.86	ug/l		100
69) o-Xylene	12.179	106	195463	55.64	ug/l		100
70) Styrene	12.191	104	346823	56.65	ug/l		98
71) Bromoform	12.355	173	61414	55.15	ug/l	#	97
73) Isopropylbenzene	12.479	105	532422	50.57	ug/l		100
74) N-amyl acetate	12.285	43	88441	49.54	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.726	83	93523	47.53	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	57778m	43.86	ug/l		
77) Bromobenzene	12.755	156	126475	49.97	ug/l		96
78) n-propylbenzene	12.814	91	650914	50.90	ug/l		99
79) 2-Chlorotoluene	12.902	91	355206	49.73	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	454011	51.58	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	28748	50.65	ug/l		99
82) 4-Chlorotoluene	13.002	91	344785	45.54	ug/l		97
83) tert-Butylbenzene	13.220	119	379720	50.84	ug/l		97
84) 1,2,4-Trimethylbenzene	13.261	105	450347	50.66	ug/l		100
85) sec-Butylbenzene	13.396	105	543085	51.53	ug/l		99
86) p-Isopropyltoluene	13.508	119	508887	52.87	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	242932	48.45	ug/l		96
88) 1,4-Dichlorobenzene	13.591	146	242881	48.94	ug/l		98
89) n-Butylbenzene	13.838	91	469020	51.73	ug/l		99
90) Hexachloroethane	14.102	117	93896	48.97	ug/l		96
91) 1,2-Dichlorobenzene	13.885	146	210358	48.48	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	13459	44.99	ug/l		90
93) 1,2,4-Trichlorobenzene	15.155	180	128207	47.75	ug/l		98
94) Hexachlorobutadiene	15.261	225	75624	49.20	ug/l		98
95) Naphthalene	15.396	128	244939	52.37	ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	119007	50.68	ug/l		99

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

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