Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040721\
Data File : VD068774.D
Acq On : 07 Apr 2021 10:43
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
MMDadoda
4/8/2021 3:08:12 PM

Quant Time: Apr 07 12:07:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 07 12:04:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	248366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	429903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	399049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	190241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	26467	10.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 21.22%#			
35) Dibromofluoromethane	7.920	113	28298	10.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 21.22%#			
50) Toluene-d8	10.338	98	101369	9.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 19.82%#			
62) 4-Bromofluorobenzene	12.632	95	34673	10.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 20.76%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	26703	13.16	ug/l	100
3) Chloromethane	2.209	50	30245	12.23	ug/l	94
4) Vinyl Chloride	2.350	62	38446	13.00	ug/l	99
5) Bromomethane	2.762	94	29605	13.53	ug/l	97
6) Chloroethane	2.920	64	24875	12.83	ug/l	95
7) Trichlorofluoromethane	3.279	101	45760	13.07	ug/l	93
8) Diethyl Ether	3.709	74	11206	11.43	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	26414	12.39	ug/l	97
10) Methyl Iodide	4.297	142	21565	9.73	ug/l	97
11) Tert butyl alcohol	5.226	59	9228m	76.35	ug/l	
12) 1,1-Dichloroethene	4.073	96	25306	12.31	ug/l	94
13) Acrolein	3.926	56	5586	51.74	ug/l	99
14) Allyl chloride	4.720	41	27421	11.10	ug/l	96
15) Acrylonitrile	5.420	53	25959	55.88	ug/l	94
16) Acetone	4.162	43	18088	57.30	ug/l	90
17) Carbon Disulfide	4.415	76	79180	11.91	ug/l	99
18) Methyl Acetate	4.715	43	10390	12.10	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	53587	10.58	ug/l	98
20) Methylene Chloride	4.967	84	35509	10.41	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	33191	11.84	ug/l	90
22) Diisopropyl ether	6.367	45	69129	11.13	ug/l	93
23) Vinyl Acetate	6.309	43	169388	51.13	ug/l	97
24) 1,1-Dichloroethane	6.267	63	55042	12.07	ug/l	97
25) 2-Butanone	7.220	43	25671	50.49	ug/l	96
26) 2,2-Dichloropropane	7.208	77	46105	11.62	ug/l	96
27) cis-1,2-Dichloroethene	7.220	96	32389	10.58	ug/l	98
28) Bromochloromethane	7.550	49	17999	10.19	ug/l	95
29) Tetrahydrofuran	7.567	42	16615	51.09	ug/l	94
30) Chloroform	7.714	83	58562	11.80	ug/l	92
31) Cyclohexane	7.985	56	46779	11.40	ug/l #	91
32) 1,1,1-Trichloroethane	7.908	97	52990	12.01	ug/l	99
36) 1,1-Dichloropropene	8.114	75	44291	11.32	ug/l	99
37) Ethyl Acetate	7.297	43	14066	11.59	ug/l	98
38) Carbon Tetrachloride	8.097	117	42903	10.95	ug/l	99
39) Methylcyclohexane	9.361	83	48715	10.14	ug/l	99
40) Benzene	8.355	78	131858	11.53	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.550	41	8969m	13.10 ug/l		
42) 1,2-Dichloroethane	8.426	62	35297	11.75 ug/l		98
43) Isopropyl Acetate	8.455	43	25272	10.67 ug/l		95
44) Trichloroethene	9.108	130	36780	11.58 ug/l		94
45) 1,2-Dichloropropane	9.385	63	30946	11.31 ug/l		91
46) Dibromomethane	9.479	93	17351	11.16 ug/l		99
47) Bromodichloromethane	9.661	83	46289	11.60 ug/l		98
48) Methyl methacrylate	9.455	41	11878	9.87 ug/l		87
49) 1,4-Dioxane	9.455	88	3182	184.21 ug/l	#	86
51) 4-Methyl-2-Pentanone	10.232	43	63842	51.52 ug/l		99
52) Toluene	10.402	92	82000	11.29 ug/l		99
53) t-1,3-Dichloropropene	10.620	75	39409	10.75 ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	46691	10.72 ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	24235	11.02 ug/l		95
56) Ethyl methacrylate	10.661	69	22854	9.70 ug/l		96
57) 1,3-Dichloropropane	10.949	76	40051	11.23 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	44552	37.32 ug/l		96
59) 2-Hexanone	10.985	43	42640	51.34 ug/l		97
60) Dibromochloromethane	11.138	129	31263	11.50 ug/l		96
61) 1,2-Dibromoethane	11.249	107	23665	11.19 ug/l		96
64) Tetrachloroethene	10.879	164	31100	11.92 ug/l		91
65) Chlorobenzene	11.667	112	90223	11.31 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	31991	11.14 ug/l		98
67) Ethyl Benzene	11.744	91	150080	10.77 ug/l		98
68) m/p-Xylenes	11.855	106	117274	21.63 ug/l		97
69) o-Xylene	12.185	106	51732	10.31 ug/l		98
70) Styrene	12.196	104	89578	10.38 ug/l		99
71) Bromoform	12.355	173	17979	11.88 ug/l	#	99
73) Isopropylbenzene	12.479	105	139108	10.49 ug/l		99
74) N-amyl acetate	12.285	43	21855	9.89 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	27715	11.75 ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	18461m	11.41 ug/l		
77) Bromobenzene	12.761	156	34852	11.25 ug/l		100
78) n-propylbenzene	12.820	91	169832	10.74 ug/l		99
79) 2-Chlorotoluene	12.908	91	95539	11.03 ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	116394	10.77 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	6831	9.64 ug/l	#	84
82) 4-Chlorotoluene	13.002	91	104830	11.38 ug/l		100
83) tert-Butylbenzene	13.220	119	95640	10.44 ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	115177	10.40 ug/l		98
85) sec-Butylbenzene	13.396	105	138054	10.40 ug/l		100
86) p-Isopropyltoluene	13.514	119	122589	10.15 ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	69841	11.24 ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	68961	11.31 ug/l		98
89) n-Butylbenzene	13.838	91	114450	10.00 ug/l		98
90) Hexachloroethane	14.108	117	25842	11.46 ug/l		96
91) 1,2-Dichlorobenzene	13.885	146	59084	11.16 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	4037	11.94 ug/l		87
93) 1,2,4-Trichlorobenzene	15.161	180	35758	10.49 ug/l		98
94) Hexachlorobutadiene	15.261	225	19980	10.23 ug/l		98
95) Naphthalene	15.396	128	56932	9.52 ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	30151	10.36 ug/l		98

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

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