Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
Data File : VD068538.D
Acq On : 05 Mar 2021 11:33
Operator : VA/SY
Sample : VD0305SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0305SBS01

Manual Integrations APPROVED
MMDadoda
3/8/2021 10:11:19 AM

Quant Time: Mar 05 23:10:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	268124	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	445608	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	415363	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	202424	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	123652	46.16	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.32%				
35) Dibromofluoromethane	7.914	113	135129	50.34	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.68%				
50) Toluene-d8	10.338	98	510168	47.71	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.42%				
62) 4-Bromofluorobenzene	12.632	95	169372	49.15	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	50810	19.53	ug/l		95
3) Chloromethane	2.209	50	61407	18.67	ug/l		96
4) Vinyl Chloride	2.350	62	74305	19.03	ug/l		94
5) Bromomethane	2.756	94	56784	20.42	ug/l		91
6) Chloroethane	2.921	64	49803	19.73	ug/l		97
7) Trichlorofluoromethane	3.274	101	90784	20.38	ug/l		91
8) Diethyl Ether	3.703	74	26118	19.69	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.097	101	56561	20.84	ug/l		95
10) Methyl Iodide	4.297	142	50530	17.37	ug/l		93
11) Tert butyl alcohol	5.215	59	15361	107.39	ug/l	#	92
12) 1,1-Dichloroethene	4.062	96	54035	20.07	ug/l		94
13) Acrolein	3.921	56	17519	85.70	ug/l		97
14) Allyl chloride	4.715	41	65116	18.73	ug/l		98
15) Acrylonitrile	5.426	53	61487	109.85	ug/l		97
16) Acetone	4.162	43	44945	105.62	ug/l		93
17) Carbon Disulfide	4.409	76	168353	19.08	ug/l		96
18) Methyl Acetate	4.715	43	21441	19.55	ug/l		100
19) Methyl tert-butyl Ether	5.468	73	132815	22.75	ug/l		100
20) Methylene Chloride	4.973	84	72238	20.22	ug/l		93
21) trans-1,2-Dichloroethene	5.468	96	74103	23.05	ug/l		97
22) Diisopropyl ether	6.362	45	150016	19.59	ug/l		97
23) Vinyl Acetate	6.303	43	374249	94.22	ug/l		97
24) 1,1-Dichloroethane	6.267	63	106804	20.35	ug/l		99
25) 2-Butanone	7.214	43	60137	98.31	ug/l		98
26) 2,2-Dichloropropane	7.214	77	88841	20.32	ug/l		98
27) cis-1,2-Dichloroethene	7.209	96	71221	20.18	ug/l		99
28) Bromochloromethane	7.544	49	40128	19.59	ug/l		81
29) Tetrahydrofuran	7.562	42	36876	92.84	ug/l		98
30) Chloroform	7.709	83	111476	20.11	ug/l		98
31) Cyclohexane	7.985	56	94008	19.30	ug/l		91
32) 1,1,1-Trichloroethane	7.903	97	96423	20.38	ug/l		97
36) 1,1-Dichloropropene	8.114	75	88826	20.97	ug/l		97
37) Ethyl Acetate	7.291	43	27138	19.31	ug/l		96
38) Carbon Tetrachloride	8.097	117	86080	21.63	ug/l		94
39) Methylcyclohexane	9.356	83	105006	20.10	ug/l		97
40) Benzene	8.350	78	250556	20.62	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	13642m	16.72	ug/l		
42) 1,2-Dichloroethane	8.426	62	66901	20.94	ug/l		99
43) Isopropyl Acetate	8.450	43	53005	20.52	ug/l		98
44) Trichloroethene	9.114	130	71505	21.44	ug/l		97
45) 1,2-Dichloropropane	9.385	63	60405	20.80	ug/l		95
46) Dibromomethane	9.479	93	32665	20.67	ug/l		96
47) Bromodichloromethane	9.661	83	86875	21.25	ug/l		98
48) Methyl methacrylate	9.456	41	25810	18.75	ug/l	#	85
49) 1,4-Dioxane	9.461	88	6991	387.95	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.226	43	133322	98.64	ug/l		100
52) Toluene	10.403	92	161890	20.86	ug/l		97
53) t-1,3-Dichloropropene	10.620	75	79151	20.95	ug/l		90
54) cis-1,3-Dichloropropene	10.091	75	96490	20.93	ug/l		96
55) 1,1,2-Trichloroethane	10.803	97	48631	22.24	ug/l		96
56) Ethyl methacrylate	10.661	69	48736	19.39	ug/l	#	96
57) 1,3-Dichloropropane	10.944	76	79289	20.77	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	124878	99.03	ug/l		92
59) 2-Hexanone	10.985	43	94193	104.55	ug/l		99
60) Dibromochloromethane	11.138	129	59464	21.97	ug/l		98
61) 1,2-Dibromoethane	11.244	107	45522	21.27	ug/l		99
64) Tetrachloroethene	10.879	164	58345	21.51	ug/l		95
65) Chlorobenzene	11.667	112	176387	20.85	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	62388	21.22	ug/l		98
67) Ethyl Benzene	11.744	91	305876	20.26	ug/l		98
68) m/p-Xylenes	11.855	106	236471	41.24	ug/l		98
69) o-Xylene	12.179	106	108088	20.47	ug/l		94
70) Styrene	12.197	104	187068	20.71	ug/l		98
71) Bromoform	12.355	173	32700	21.89	ug/l	#	99
73) Isopropylbenzene	12.479	105	295815	19.70	ug/l		99
74) N-amyl acetate	12.291	43	48229	18.86	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	51551	19.96	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	35457m	19.73	ug/l		
77) Bromobenzene	12.761	156	69246	20.21	ug/l		95
78) n-propylbenzene	12.820	91	356805	19.89	ug/l		97
79) 2-Chlorotoluene	12.908	91	194516	19.54	ug/l		100
80) 1,3,5-Trimethylbenzene	12.961	105	242682	19.72	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.532	75	15534	20.17	ug/l		93
82) 4-Chlorotoluene	13.002	91	205454	19.61	ug/l		99
83) tert-Butylbenzene	13.220	119	206326	19.69	ug/l		100
84) 1,2,4-Trimethylbenzene	13.267	105	249492	20.25	ug/l		98
85) sec-Butylbenzene	13.402	105	300945	20.34	ug/l		98
86) p-Isopropyltoluene	13.514	119	263036	19.58	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	137722	20.81	ug/l		98
88) 1,4-Dichlorobenzene	13.597	146	134580	20.53	ug/l		99
89) n-Butylbenzene	13.844	91	254758	19.66	ug/l		97
90) Hexachloroethane	14.108	117	55818	20.91	ug/l		96
91) 1,2-Dichlorobenzene	13.885	146	117960	20.78	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	8371	18.39	ug/l		97
93) 1,2,4-Trichlorobenzene	15.161	180	91523	20.88	ug/l		98
94) Hexachlorobutadiene	15.267	225	49641	20.40	ug/l		98
95) Naphthalene	15.396	128	153020	19.28	ug/l		99
96) 1,2,3-Trichlorobenzene	15.591	180	79978	21.07	ug/l		94

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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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