Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
Data File : VD068628.D
Acq On : 16 Mar 2021 13:33
Operator : VA/SY
Sample : M1458-01 4PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/17/2021 11:47:39 AM

Quant Time: Mar 17 01:20:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 01:19:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	238015	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	410741	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	374692	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	204746	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	114813	48.28	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.56%				
35) Dibromofluoromethane	7.914	113	124610	50.36	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.72%				
50) Toluene-d8	10.344	98	468109	47.50	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.00%				
62) 4-Bromofluorobenzene	12.632	95	160795	50.62	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.24%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	9869	4.27	ug/l		93
3) Chloromethane	2.209	50	13394	4.59	ug/l		99
4) Vinyl Chloride	2.350	62	15582	4.50	ug/l		97
5) Bromomethane	2.768	94	12552	5.09	ug/l		94
6) Chloroethane	2.926	64	9981	4.45	ug/l		90
7) Trichlorofluoromethane	3.273	101	18739	4.74	ug/l		88
8) Diethyl Ether	3.720	74	4780	4.06	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.103	101	12160	5.05	ug/l	#	66
10) Methyl Iodide	4.303	142	10310	4.03	ug/l		91
11) Tert butyl alcohol	5.238	59	3391	26.71	ug/l	#	74
12) 1,1-Dichloroethene	4.073	96	11386	4.76	ug/l		87
13) Acrolein	3.926	56	3462	19.08	ug/l		96
14) Allyl chloride	4.714	41	13608	4.41	ug/l		94
15) Acrylonitrile	5.420	53	11699	23.55	ug/l		95
16) Acetone	4.156	43	8313	22.01	ug/l		92
17) Carbon Disulfide	4.415	76	36140	4.61	ug/l		97
18) Methyl Acetate	4.726	43	4856	4.99	ug/l	#	80
19) Methyl tert-butyl Ether	5.479	73	23131	4.46	ug/l	#	90
20) Methylene Chloride	4.967	84	22159	6.91	ug/l		93
21) trans-1,2-Dichloroethene	5.473	96	13599	4.76	ug/l		96
22) Diisopropyl ether	6.367	45	27439	4.04	ug/l	#	93
23) Vinyl Acetate	6.309	43	61039	17.31	ug/l		100
24) 1,1-Dichloroethane	6.261	63	21571	4.63	ug/l		94
25) 2-Butanone	7.220	43	11825	21.78	ug/l		93
26) 2,2-Dichloropropane	7.214	77	18180	4.68	ug/l		94
27) cis-1,2-Dichloroethene	7.214	96	14140	4.51	ug/l		97
28) Bromochloromethane	7.556	49	8448	4.65	ug/l	#	82
29) Tetrahydrofuran	7.567	42	6848	19.42	ug/l		98
30) Chloroform	7.714	83	22350	4.54	ug/l		97
31) Cyclohexane	7.985	56	22800	5.27	ug/l	#	83
32) 1,1,1-Trichloroethane	7.908	97	20206	4.81	ug/l	#	92
36) 1,1-Dichloropropene	8.114	75	18205	4.66	ug/l		93
37) Ethyl Acetate	7.297	43	5478	4.23	ug/l	#	84
38) Carbon Tetrachloride	8.097	117	16910	4.61	ug/l	#	81
39) Methylcyclohexane	9.355	83	21862	4.54	ug/l		96
40) Benzene	8.355	78	49954	4.46	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	2566	3.41	ug/l	#	82
42) 1,2-Dichloroethane	8.426	62	13043	4.43	ug/l		99
43) Isopropyl Acetate	8.455	43	9773	4.10	ug/l	#	78
44) Trichloroethene	9.114	130	13288	4.32	ug/l		94
45) 1,2-Dichloropropane	9.391	63	11664	4.36	ug/l	#	88
46) Dibromomethane	9.473	93	6198	4.26	ug/l		92
47) Bromodichloromethane	9.667	83	16839	4.47	ug/l		91
48) Methyl methacrylate	9.455	41	5824	4.59	ug/l	#	86
49) 1,4-Dioxane	9.455	88	1322	79.59	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.226	43	25108	20.15	ug/l		95
52) Toluene	10.402	92	32521	4.55	ug/l		99
53) t-1,3-Dichloropropene	10.626	75	14314	4.11	ug/l		92
54) cis-1,3-Dichloropropene	10.091	75	18612	4.38	ug/l	#	90
55) 1,1,2-Trichloroethane	10.802	97	9643	4.78	ug/l		96
56) Ethyl methacrylate	10.661	69	8641	3.73	ug/l		96
57) 1,3-Dichloropropane	10.944	76	15182	4.32	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	23851	20.52	ug/l		94
59) 2-Hexanone	10.985	43	16294	19.62	ug/l		100
60) Dibromochloromethane	11.144	129	10994	4.41	ug/l		97
61) 1,2-Dibromoethane	11.244	107	8665	4.39	ug/l		97
64) Tetrachloroethene	10.879	164	12157	4.97	ug/l		93
65) Chlorobenzene	11.673	112	34303	4.50	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	12391	4.67	ug/l		93
67) Ethyl Benzene	11.744	91	58059	4.26	ug/l		99
68) m/p-Xylenes	11.849	106	42317	8.18	ug/l		100
69) o-Xylene	12.179	106	20341	4.27	ug/l		96
70) Styrene	12.191	104	32615	4.00	ug/l		95
71) Bromoform	12.355	173	6258	4.64	ug/l	#	93
73) Isopropylbenzene	12.479	105	53605	3.53	ug/l		98
74) N-amyl acetate	12.285	43	8307	3.21	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.732	83	10457	4.00	ug/l		96
76) 1,2,3-Trichloropropane	12.785	75	5553m	3.06	ug/l		
77) Bromobenzene	12.761	156	14907	4.30	ug/l		98
78) n-propylbenzene	12.820	91	72684	4.01	ug/l		99
79) 2-Chlorotoluene	12.908	91	41536	4.12	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	48031	3.86	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	2789	3.58	ug/l		98
82) 4-Chlorotoluene	13.002	91	42782	4.04	ug/l		97
83) tert-Butylbenzene	13.220	119	38275	3.61	ug/l		96
84) 1,2,4-Trimethylbenzene	13.267	105	45522	3.65	ug/l		99
85) sec-Butylbenzene	13.396	105	56648	3.78	ug/l		100
86) p-Isopropyltoluene	13.514	119	52616	3.87	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	28770	4.30	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	30743	4.64	ug/l		92
89) n-Butylbenzene	13.838	91	53085	4.05	ug/l		99
90) Hexachloroethane	14.108	117	10876	4.03	ug/l		86
91) 1,2-Dichlorobenzene	13.885	146	25997	4.53	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	1995	4.33	ug/l		69
93) 1,2,4-Trichlorobenzene	15.155	180	17420	3.93	ug/l		98
94) Hexachlorobutadiene	15.261	225	9524	3.87	ug/l		97
95) Naphthalene	15.396	128	28130	3.50	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	14717	3.83	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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