Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069170.D
Acq On : 14 May 2021 12:10
Operator : VA/SY
Sample : VD0514SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

Manual Integrations APPROVED
MMDadoda
5/17/2021 2:34:57 PM

Quant Time: May 15 02:32:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	299022	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	497147	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	465805	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225779	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	154145	51.42	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.84%				
35) Dibromofluoromethane	7.914	113	162254	50.15	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.30%				
50) Toluene-d8	10.338	98	605827	50.96	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.92%				
62) 4-Bromofluorobenzene	12.632	95	199652	52.19	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	67036	21.09	ug/l		94
3) Chloromethane	2.209	50	76573	20.96	ug/l		99
4) Vinyl Chloride	2.350	62	95985	19.93	ug/l		100
5) Bromomethane	2.762	94	76470	21.11	ug/l		89
6) Chloroethane	2.920	64	65067	21.00	ug/l		97
7) Trichlorofluoromethane	3.267	101	118557	20.18	ug/l		97
8) Diethyl Ether	3.709	74	27926	20.82	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.103	101	69340	20.82	ug/l		97
10) Methyl Iodide	4.303	142	58470	17.48	ug/l		98
11) Tert butyl alcohol	5.214	59	22392	124.50	ug/l	#	86
12) 1,1-Dichloroethene	4.067	96	60610	20.26	ug/l		96
13) Acrolein	3.926	56	21245	87.11	ug/l		99
14) Allyl chloride	4.714	41	67249	20.49	ug/l		98
15) Acrylonitrile	5.426	53	53615	107.10	ug/l		99
16) Acetone	4.161	43	52364	114.05	ug/l		96
17) Carbon Disulfide	4.403	76	204538	20.62	ug/l		97
18) Methyl Acetate	4.720	43	22209	19.91	ug/l		95
19) Methyl tert-butyl Ether	5.467	73	107252	19.76	ug/l		97
20) Methylene Chloride	4.961	84	110948	25.20	ug/l		96
21) trans-1,2-Dichloroethene	5.473	96	72906	20.55	ug/l		96
22) Diisopropyl ether	6.367	45	140980	21.51	ug/l	#	91
23) Vinyl Acetate	6.303	43	391169	101.13	ug/l		97
24) 1,1-Dichloroethane	6.267	63	117215	20.70	ug/l		97
25) 2-Butanone	7.214	43	63065	101.37	ug/l		94
26) 2,2-Dichloropropane	7.208	77	108610	20.51	ug/l		99
27) cis-1,2-Dichloroethene	7.208	96	77845	20.21	ug/l		98
28) Bromochloromethane	7.544	49	42656	21.13	ug/l	#	5
29) Tetrahydrofuran	7.561	42	34715	102.65	ug/l		95
30) Chloroform	7.714	83	131039	20.56	ug/l		98
31) Cyclohexane	7.985	56	90594	20.39	ug/l	#	88
32) 1,1,1-Trichloroethane	7.902	97	118880	20.55	ug/l		99
36) 1,1-Dichloropropene	8.108	75	101324	20.96	ug/l		96
37) Ethyl Acetate	7.291	43	31157	20.06	ug/l	#	93
38) Carbon Tetrachloride	8.097	117	107852	19.96	ug/l		98
39) Methylcyclohexane	9.355	83	97674	19.16	ug/l		98
40) Benzene	8.350	78	281185	20.31	ug/l		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	15813	19.13	ug/l	#	86
42) 1,2-Dichloroethane	8.420	62	78245	20.70	ug/l		98
43) Isopropyl Acetate	8.450	43	55225	19.58	ug/l		96
44) Trichloroethene	9.114	130	78476	20.28	ug/l		87
45) 1,2-Dichloropropane	9.385	63	67380	20.62	ug/l		99
46) Dibromomethane	9.473	93	39735	20.34	ug/l		98
47) Bromodichloromethane	9.661	83	99847	20.09	ug/l		100
48) Methyl methacrylate	9.455	41	24343	18.67	ug/l		98
49) 1,4-Dioxane	9.455	88	7095	361.78	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.226	43	144964	99.92	ug/l		100
52) Toluene	10.402	92	187938	21.03	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	87159	19.95	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	105295	20.17	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	53955	20.49	ug/l		91
56) Ethyl methacrylate	10.655	69	51388	18.74	ug/l		93
57) 1,3-Dichloropropane	10.943	76	88829	20.88	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	137474	105.47	ug/l		97
59) 2-Hexanone	10.985	43	98050	101.27	ug/l		98
60) Dibromochloromethane	11.138	129	67383	19.93	ug/l		100
61) 1,2-Dibromoethane	11.243	107	49555	19.04	ug/l		94
64) Tetrachloroethene	10.873	164	63177	19.52	ug/l		93
65) Chlorobenzene	11.667	112	196849	20.39	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.743	131	75586	20.76	ug/l		97
67) Ethyl Benzene	11.743	91	331421	19.95	ug/l		100
68) m/p-Xylenes	11.849	106	268741	41.28	ug/l		99
69) o-Xylene	12.179	106	115055	19.87	ug/l		97
70) Styrene	12.190	104	203010	20.08	ug/l		99
71) Bromoform	12.361	173	38937	20.56	ug/l	#	98
73) Isopropylbenzene	12.479	105	312941	19.83	ug/l		99
74) N-amyl acetate	12.285	43	49977	19.37	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	55401	19.37	ug/l		93
76) 1,2,3-Trichloropropane	12.779	75	35840m	21.12	ug/l		
77) Bromobenzene	12.761	156	77810	20.78	ug/l		98
78) n-propylbenzene	12.814	91	392427	20.61	ug/l		99
79) 2-Chlorotoluene	12.902	91	217984	20.58	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	272876	20.97	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	17680	21.04	ug/l		93
82) 4-Chlorotoluene	13.002	91	230879	20.46	ug/l		99
83) tert-Butylbenzene	13.220	119	219603	20.25	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	271219	20.72	ug/l		99
85) sec-Butylbenzene	13.396	105	330295	20.26	ug/l		99
86) p-Isopropyltoluene	13.514	119	285380	19.92	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	157043	20.72	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	152939	20.37	ug/l		100
89) n-Butylbenzene	13.837	91	267359	20.03	ug/l		98
90) Hexachloroethane	14.102	117	53630	19.98	ug/l		95
91) 1,2-Dichlorobenzene	13.884	146	134060	20.60	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8665	19.52	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	75784	19.00	ug/l		99
94) Hexachlorobutadiene	15.261	225	44588	18.63	ug/l		97
95) Naphthalene	15.396	128	121998	17.88	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	65935	19.32	ug/l		97

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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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