Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
Data File : VD069090.D
Acq On : 06 May 2021 22:21
Operator : VA/SY
Sample : VD0506SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0506SBS01

Manual Integrations APPROVED
MMDadoda
5/7/2021 6:26:01 PM

Quant Time: May 07 01:13:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	233879	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	407334	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	414305	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	209431	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	151311	50.20	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.40%				
35) Dibromofluoromethane	7.914	113	153301	54.88	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.76%				
50) Toluene-d8	10.338	98	570188	55.29	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.58%				
62) 4-Bromofluorobenzene	12.626	95	187917	55.40	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	54482	19.15	ug/l		97
3) Chloromethane	2.209	50	69815	19.94	ug/l		95
4) Vinyl Chloride	2.344	62	90948	19.65	ug/l		93
5) Bromomethane	2.744	94	64901	23.56	ug/l		94
6) Chloroethane	2.903	64	61319	22.78	ug/l		98
7) Trichlorofluoromethane	3.256	101	98102	19.30	ug/l		97
8) Diethyl Ether	3.709	74	24174	19.58	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.085	101	53713	19.73	ug/l		96
10) Methyl Iodide	4.297	142	35978	16.90	ug/l		95
11) Tert butyl alcohol	5.220	59	21291	69.52	ug/l	#	81
12) 1,1-Dichloroethene	4.062	96	50901	20.77	ug/l		88
13) Acrolein	3.920	56	15643	86.61	ug/l		97
14) Allyl chloride	4.709	41	53999	17.10	ug/l		95
15) Acrylonitrile	5.420	53	52583	97.96	ug/l		98
16) Acetone	4.162	43	36804	69.03	ug/l		100
17) Carbon Disulfide	4.403	76	160950	19.42	ug/l		96
18) Methyl Acetate	4.714	43	21695	18.48	ug/l		91
19) Methyl tert-butyl Ether	5.479	73	112721	20.12	ug/l		97
20) Methylene Chloride	4.956	84	115744	37.49	ug/l		88
21) trans-1,2-Dichloroethene	5.473	96	62308	21.40	ug/l	#	81
22) Diisopropyl ether	6.361	45	131324	18.63	ug/l		95
23) Vinyl Acetate	6.303	43	344008	85.36	ug/l		95
24) 1,1-Dichloroethane	6.261	63	99687	20.02	ug/l		98
25) 2-Butanone	7.214	43	54494	84.57	ug/l		99
26) 2,2-Dichloropropane	7.208	77	79450	17.08	ug/l		95
27) cis-1,2-Dichloroethene	7.208	96	67461	21.46	ug/l		93
28) Bromochloromethane	7.544	49	38522	19.16	ug/l		85
29) Tetrahydrofuran	7.567	42	34224	86.34	ug/l		90
30) Chloroform	7.708	83	115182	20.68	ug/l		97
31) Cyclohexane	7.979	56	77212	17.66	ug/l	#	93
32) 1,1,1-Trichloroethane	7.902	97	97581	19.19	ug/l		97
36) 1,1-Dichloropropene	8.114	75	77610	18.11	ug/l		96
37) Ethyl Acetate	7.291	43	27207	16.84	ug/l	#	94
38) Carbon Tetrachloride	8.091	117	87038	18.73	ug/l		98
39) Methylcyclohexane	9.355	83	84942	18.13	ug/l		98
40) Benzene	8.350	78	242047	20.41	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	14678m	15.67	ug/l		
42) 1,2-Dichloroethane	8.426	62	71063	19.17	ug/l		94
43) Isopropyl Acetate	8.450	43	51662	17.05	ug/l		95
44) Trichloroethene	9.108	130	66367	21.05	ug/l		97
45) 1,2-Dichloropropane	9.385	63	60966	20.88	ug/l		100
46) Dibromomethane	9.473	93	34555	20.59	ug/l		94
47) Bromodichloromethane	9.661	83	90644	20.54	ug/l		96
48) Methyl methacrylate	9.455	41	24163	16.18	ug/l	#	82
49) 1,4-Dioxane	9.455	88	8010	412.80	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.226	43	134152	86.51	ug/l		96
52) Toluene	10.402	92	157346	20.91	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	77515	20.21	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	91464	20.17	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	49462	22.19	ug/l		95
56) Ethyl methacrylate	10.655	69	46498	18.88	ug/l		93
57) 1,3-Dichloropropane	10.944	76	78294	20.84	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	126136	97.75	ug/l		97
59) 2-Hexanone	10.985	43	88398	84.45	ug/l		95
60) Dibromochloromethane	11.138	129	62575	21.10	ug/l		99
61) 1,2-Dibromoethane	11.243	107	46921	21.69	ug/l		98
64) Tetrachloroethene	10.873	164	52858	19.79	ug/l		92
65) Chlorobenzene	11.667	112	174466	20.63	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.738	131	64559	20.18	ug/l		99
67) Ethyl Benzene	11.743	91	276427	18.44	ug/l		100
68) m/p-Xylenes	11.849	106	220138	39.05	ug/l		95
69) o-Xylene	12.179	106	99967	19.78	ug/l		97
70) Styrene	12.191	104	181499	20.34	ug/l		96
71) Bromoform	12.355	173	35587	21.70	ug/l	#	97
73) Isopropylbenzene	12.473	105	267498	18.45	ug/l		98
74) N-amyl acetate	12.285	43	49262	16.18	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.726	83	55087	19.38	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	38757m	21.26	ug/l		
77) Bromobenzene	12.755	156	69383	20.67	ug/l		91
78) n-propylbenzene	12.814	91	317081	17.81	ug/l		98
79) 2-Chlorotoluene	12.902	91	181392	18.27	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	228742	18.54	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	14140	16.88	ug/l	#	83
82) 4-Chlorotoluene	12.996	91	197046	18.53	ug/l		98
83) tert-Butylbenzene	13.220	119	185074	18.40	ug/l		97
84) 1,2,4-Trimethylbenzene	13.261	105	235991	19.14	ug/l		99
85) sec-Butylbenzene	13.396	105	257530	17.69	ug/l		97
86) p-Isopropyltoluene	13.508	119	235014	17.49	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	134576	19.98	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	132779	20.00	ug/l		98
89) n-Butylbenzene	13.837	91	211383	16.58	ug/l		99
90) Hexachloroethane	14.102	117	49031	17.75	ug/l		89
91) 1,2-Dichlorobenzene	13.885	146	115648	19.75	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8994	19.24	ug/l		96
93) 1,2,4-Trichlorobenzene	15.155	180	66920	19.26	ug/l		97
94) Hexachlorobutadiene	15.255	225	38130	18.95	ug/l		99
95) Naphthalene	15.396	128	117797	18.42	ug/l		98
96) 1,2,3-Trichlorobenzene	15.584	180	60330	20.11	ug/l		98

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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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