Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
Data File : VD068946.D
Acq On : 22 Apr 2021 11:57
Operator : VA/SY
Sample : VD0422SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBSD01

Manual Integrations APPROVED
MMDadoda
4/23/2021 6:13:13 PM

Quant Time: Apr 23 08:44:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	261303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	425446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	400696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	199652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135910	49.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.42%			
35) Dibromofluoromethane	7.920	113	152302	55.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.08%			
50) Toluene-d8	10.344	98	566002	54.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.44%			
62) 4-Bromofluorobenzene	12.632	95	182844	52.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	55297	21.36	ug/l	97
3) Chloromethane	2.209	50	57974	19.05	ug/l	99
4) Vinyl Chloride	2.350	62	77423	20.25	ug/l	96
5) Bromomethane	2.762	94	63323	22.15	ug/l	93
6) Chloroethane	2.926	64	51175	20.37	ug/l	94
7) Trichlorofluoromethane	3.274	101	99708	22.16	ug/l	92
8) Diethyl Ether	3.721	74	24767	20.38	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	58673	21.61	ug/l	96
10) Methyl Iodide	4.309	142	57401	19.50	ug/l	98
11) Tert butyl alcohol	5.232	59	14828m	80.95	ug/l	
12) 1,1-Dichloroethene	4.068	96	55184	21.10	ug/l	98
13) Acrolein	3.926	56	8199	75.43	ug/l	95
14) Allyl chloride	4.721	41	55279	18.75	ug/l	94
15) Acrylonitrile	5.426	53	47662	87.40	ug/l	95
16) Acetone	4.162	43	37504	98.07	ug/l	97
17) Carbon Disulfide	4.409	76	170260	20.11	ug/l	97
18) Methyl Acetate	4.721	43	18104	17.23	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	103278	17.80	ug/l	93
20) Methylene Chloride	4.968	84	70556	19.88	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	64309	19.15	ug/l	93
22) Diisopropyl ether	6.367	45	129888	18.19	ug/l	99
23) Vinyl Acetate	6.309	43	340759	90.03	ug/l	94
24) 1,1-Dichloroethane	6.267	63	103798	19.28	ug/l	99
25) 2-Butanone	7.214	43	51136	94.50	ug/l	96
26) 2,2-Dichloropropane	7.209	77	95805	21.78	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	75344	22.57	ug/l	94
28) Bromochloromethane	7.550	49	33677	17.33	ug/l	91
29) Tetrahydrofuran	7.567	42	30802	84.64	ug/l	91
30) Chloroform	7.714	83	119802	20.33	ug/l	94
31) Cyclohexane	7.985	56	83866	18.25	ug/l	85
32) 1,1,1-Trichloroethane	7.903	97	101839	19.77	ug/l	97
36) 1,1-Dichloropropene	8.114	75	86453	20.08	ug/l	99
37) Ethyl Acetate	7.297	43	23897	18.89	ug/l #	95
38) Carbon Tetrachloride	8.097	117	92056	21.59	ug/l	97
39) Methylcyclohexane	9.356	83	97466	19.41	ug/l	91
40) Benzene	8.350	78	258692	20.53	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	15156	20.24	ug/l	#	86
42) 1,2-Dichloroethane	8.426	62	66944	20.10	ug/l		98
43) Isopropyl Acetate	8.450	43	46465	18.02	ug/l		94
44) Trichloroethene	9.114	130	74226	21.33	ug/l		93
45) 1,2-Dichloropropane	9.391	63	58940	19.58	ug/l		96
46) Dibromomethane	9.473	93	34803	20.76	ug/l		94
47) Bromodichloromethane	9.661	83	90128	20.58	ug/l		97
48) Methyl methacrylate	9.461	41	20743	16.32	ug/l	#	76
49) 1,4-Dioxane	9.461	88	6696	377.20	ug/l		95
51) 4-Methyl-2-Pentanone	10.226	43	122039	93.90	ug/l		98
52) Toluene	10.403	92	168081	21.07	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	78404	20.19	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	94383	20.32	ug/l		96
55) 1,1,2-Trichloroethane	10.803	97	49610	20.93	ug/l		92
56) Ethyl methacrylate	10.661	69	46721	19.14	ug/l		99
57) 1,3-Dichloropropane	10.944	76	81637	20.91	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	101764	89.99	ug/l		94
59) 2-Hexanone	10.985	43	82501	94.87	ug/l		96
60) Dibromochloromethane	11.138	129	64208	21.60	ug/l		98
61) 1,2-Dibromoethane	11.244	107	47206	20.49	ug/l		98
64) Tetrachloroethene	10.879	164	61066	21.74	ug/l		92
65) Chlorobenzene	11.667	112	185394	21.37	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	67992	21.80	ug/l		98
67) Ethyl Benzene	11.744	91	309345	20.60	ug/l		99
68) m/p-Xylenes	11.850	106	243975	42.10	ug/l		98
69) o-Xylene	12.179	106	106095	20.13	ug/l		98
70) Styrene	12.191	104	193696	21.09	ug/l		98
71) Bromoform	12.355	173	35572	21.29	ug/l	#	100
73) Isopropylbenzene	12.479	105	301463	20.68	ug/l		98
74) N-amyl acetate	12.285	43	42449	17.17	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.726	83	52552	19.29	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	35191m	19.29	ug/l		
77) Bromobenzene	12.761	156	73895	21.09	ug/l		93
78) n-propylbenzene	12.820	91	356609	20.14	ug/l		99
79) 2-Chlorotoluene	12.902	91	198115	20.03	ug/l		94
80) 1,3,5-Trimethylbenzene	12.955	105	254432	20.88	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	15751	20.04	ug/l		97
82) 4-Chlorotoluene	13.002	91	211260	20.15	ug/l		98
83) tert-Butylbenzene	13.220	119	206706	19.99	ug/l		100
84) 1,2,4-Trimethylbenzene	13.267	105	252666	20.53	ug/l		99
85) sec-Butylbenzene	13.397	105	299026	20.49	ug/l		99
86) p-Isopropyltoluene	13.514	119	274920	20.63	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	146351	21.08	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	145088	21.11	ug/l		99
89) n-Butylbenzene	13.838	91	251176	20.01	ug/l		98
90) Hexachloroethane	14.108	117	55169	20.78	ug/l		94
91) 1,2-Dichlorobenzene	13.885	146	127375	21.20	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	7295	17.61	ug/l		99
93) 1,2,4-Trichlorobenzene	15.155	180	74293	19.98	ug/l		100
94) Hexachlorobutadiene	15.261	225	44001	20.67	ug/l		98
95) Naphthalene	15.396	128	122808	18.96	ug/l		99
96) 1,2,3-Trichlorobenzene	15.591	180	65718	20.21	ug/l		99

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

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