Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068893.D
Acq On : 19 Apr 2021 12:19
Operator : VA/SY
Sample : VD0419SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

Manual Integrations APPROVED
MMDadoda
4/20/2021 10:33:35 AM

Quant Time: Apr 20 00:51:23 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	7.979	168	170503	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	280665	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	268740	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	130405	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	90705	50.34	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.68%				
35) Dibromofluoromethane	7.920	113	97911	53.63	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.26%				
50) Toluene-d8	10.338	98	376047	54.60	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.20%				
62) 4-Bromofluorobenzene	12.632	95	123055	53.80	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	34454	20.39	ug/l		92
3) Chloromethane	2.209	50	38423	19.34	ug/l		96
4) Vinyl Chloride	2.350	62	51778	20.75	ug/l		94
5) Bromomethane	2.756	94	39851	21.37	ug/l		97
6) Chloroethane	2.915	64	33624	20.51	ug/l		98
7) Trichlorofluoromethane	3.267	101	62050	21.13	ug/l		93
8) Diethyl Ether	3.714	74	15633	19.72	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.091	101	34507	19.47	ug/l		98
10) Methyl Iodide	4.303	142	35615	18.65	ug/l		99
11) Tert butyl alcohol	5.226	59	11607	103.89	ug/l	#	93
12) 1,1-Dichloroethene	4.067	96	31693	18.57	ug/l		99
13) Acrolein	3.926	56	5642	79.55	ug/l		97
14) Allyl chloride	4.714	41	34519	17.95	ug/l		94
15) Acrylonitrile	5.426	53	35411	99.51	ug/l		99
16) Acetone	4.156	43	23617	94.64	ug/l		91
17) Carbon Disulfide	4.409	76	108786	19.69	ug/l		98
18) Methyl Acetate	4.714	43	11951	17.43	ug/l	#	67
19) Methyl tert-butyl Ether	5.485	73	76556	20.22	ug/l		94
20) Methylene Chloride	4.967	84	43070	18.25	ug/l		97
21) trans-1,2-Dichloroethene	5.479	96	44417	20.27	ug/l		98
22) Diisopropyl ether	6.367	45	94702	20.32	ug/l		92
23) Vinyl Acetate	6.308	43	246714	99.89	ug/l		97
24) 1,1-Dichloroethane	6.267	63	72816	20.72	ug/l		98
25) 2-Butanone	7.214	43	35778	101.32	ug/l		92
26) 2,2-Dichloropropane	7.208	77	63873	22.25	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	49132	22.56	ug/l		100
28) Bromochloromethane	7.544	49	23572	18.59	ug/l		97
29) Tetrahydrofuran	7.561	42	23649	99.59	ug/l		98
30) Chloroform	7.708	83	78470	20.40	ug/l		98
31) Cyclohexane	7.985	56	56988	19.01	ug/l		94
32) 1,1,1-Trichloroethane	7.908	97	70714	21.04	ug/l		98
36) 1,1-Dichloropropene	8.108	75	59726	21.02	ug/l		99
37) Ethyl Acetate	7.303	43	17167	20.57	ug/l		95
38) Carbon Tetrachloride	8.097	117	63484	22.57	ug/l		96
39) Methylcyclohexane	9.355	83	71078	21.45	ug/l		98
40) Benzene	8.355	78	173509	20.87	ug/l		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	9470	19.17	ug/l	#	79
42) 1,2-Dichloroethane	8.432	62	46067	20.96	ug/l		97
43) Isopropyl Acetate	8.455	43	34753	20.43	ug/l		98
44) Trichloroethene	9.114	130	49409	21.52	ug/l		88
45) 1,2-Dichloropropane	9.385	63	42235	21.27	ug/l		94
46) Dibromomethane	9.479	93	24289	21.96	ug/l		98
47) Bromodichloromethane	9.661	83	60854	21.06	ug/l		97
48) Methyl methacrylate	9.455	41	15547	18.55	ug/l	#	80
49) 1,4-Dioxane	9.467	88	5123	437.46	ug/l		94
51) 4-Methyl-2-Pentanone	10.226	43	88571	103.30	ug/l		98
52) Toluene	10.402	92	115520	21.95	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	54045	21.10	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	66655	21.76	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	33254	21.26	ug/l		98
56) Ethyl methacrylate	10.661	69	32526	20.20	ug/l		98
57) 1,3-Dichloropropane	10.944	76	54459	21.15	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	72129	95.42	ug/l		97
59) 2-Hexanone	10.985	43	58155	101.37	ug/l		99
60) Dibromochloromethane	11.138	129	42326	21.58	ug/l		100
61) 1,2-Dibromoethane	11.243	107	32791	21.57	ug/l		98
64) Tetrachloroethene	10.873	164	39485	20.96	ug/l		95
65) Chlorobenzene	11.667	112	125848	21.63	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.743	131	45845	21.92	ug/l		99
67) Ethyl Benzene	11.743	91	209508	20.80	ug/l		94
68) m/p-Xylenes	11.849	106	165902	42.68	ug/l		99
69) o-Xylene	12.179	106	74286	21.02	ug/l		99
70) Styrene	12.196	104	131105	21.28	ug/l		99
71) Bromoform	12.355	173	22649	20.21	ug/l	#	94
73) Isopropylbenzene	12.479	105	203851	21.41	ug/l		99
74) N-amyl acetate	12.285	43	32006	19.82	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	36915	20.74	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	23635m	19.84	ug/l		
77) Bromobenzene	12.755	156	49757	21.74	ug/l		95
78) n-propylbenzene	12.820	91	244329	21.13	ug/l		98
79) 2-Chlorotoluene	12.902	91	138025	21.36	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	172604	21.68	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	10392	20.24	ug/l		97
82) 4-Chlorotoluene	13.002	91	146149	21.34	ug/l		97
83) tert-Butylbenzene	13.220	119	141180	20.90	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	174580	21.71	ug/l		98
85) sec-Butylbenzene	13.396	105	207273	21.75	ug/l		99
86) p-Isopropyltoluene	13.514	119	186194	21.39	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	99293	21.89	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	96244	21.44	ug/l		98
89) n-Butylbenzene	13.837	91	169886	20.72	ug/l		99
90) Hexachloroethane	14.108	117	36757	21.20	ug/l		91
91) 1,2-Dichlorobenzene	13.885	146	84211	21.46	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	5192	19.19	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	51759	21.31	ug/l		99
94) Hexachlorobutadiene	15.261	225	29212	21.01	ug/l		98
95) Naphthalene	15.396	128	85883	20.30	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	46086	21.70	ug/l		100

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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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