Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
Data File : VD068370.D
Acq On : 16 Feb 2021 11:57
Operator : VA/SY
Sample : VD0216SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBSD01

Manual Integrations APPROVED
MMDadoda
2/17/2021 12:28:24 PM

Quant Time: Feb 17 00:04:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	385825	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	672660	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	609959	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	279893	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.338	65	215205	54.56	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.12%				
35) Dibromofluoromethane	7.914	113	216022	54.10	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.20%				
50) Toluene-d8	10.344	98	871970	52.69	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.38%				
62) 4-Bromofluorobenzene	12.632	95	280013	51.94	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	76456	21.63	ug/l		96
3) Chloromethane	2.209	50	88972	21.14	ug/l		92
4) Vinyl Chloride	2.350	62	104472	20.73	ug/l		96
5) Bromomethane	2.756	94	74454	20.67	ug/l		98
6) Chloroethane	2.926	64	67251	20.43	ug/l		94
7) Trichlorofluoromethane	3.273	101	125611	20.25	ug/l		94
8) Diethyl Ether	3.709	74	39892	21.90	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.097	101	79381	21.03	ug/l		91
10) Methyl Iodide	4.297	142	67393	19.01	ug/l		94
11) Tert butyl alcohol	5.238	59	22132	111.92	ug/l	#	94
12) 1,1-Dichloroethene	4.073	96	74767	20.38	ug/l		95
13) Acrolein	3.926	56	20354	90.01	ug/l		95
14) Allyl chloride	4.720	41	101061	21.18	ug/l		97
15) Acrylonitrile	5.426	53	84287	107.21	ug/l		99
16) Acetone	4.168	43	73147	120.20	ug/l		95
17) Carbon Disulfide	4.409	76	209864	19.75	ug/l		99
18) Methyl Acetate	4.720	43	35357	21.17	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	178650	21.58	ug/l	#	90
20) Methylene Chloride	4.973	84	101833	22.41	ug/l		91
21) trans-1,2-Dichloroethene	5.473	96	86185	20.29	ug/l		98
22) Diisopropyl ether	6.367	45	237217	22.47	ug/l		93
23) Vinyl Acetate	6.309	43	596097	109.35	ug/l		96
24) 1,1-Dichloroethane	6.262	63	153151	21.20	ug/l		99
25) 2-Butanone	7.214	43	96110	112.96	ug/l		98
26) 2,2-Dichloropropane	7.209	77	129511	20.96	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	100188	20.75	ug/l		93
28) Bromochloromethane	7.550	49	63326	21.14	ug/l	#	76
29) Tetrahydrofuran	7.561	42	61485	111.72	ug/l		98
30) Chloroform	7.714	83	161518	21.50	ug/l		93
31) Cyclohexane	7.985	56	139286	22.71	ug/l		97
32) 1,1,1-Trichloroethane	7.903	97	134936	20.78	ug/l		94
36) 1,1-Dichloropropene	8.114	75	123186	20.70	ug/l		95
37) Ethyl Acetate	7.297	43	42678	21.22	ug/l		99
38) Carbon Tetrachloride	8.103	117	114675	20.20	ug/l		99
39) Methylcyclohexane	9.356	83	149119	20.43	ug/l		99
40) Benzene	8.356	78	359070	21.15	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	24338	21.03	ug/l		96
42) 1,2-Dichloroethane	8.426	62	96916	21.41	ug/l		99
43) Isopropyl Acetate	8.456	43	82364	21.39	ug/l		98
44) Trichloroethene	9.114	130	95596	20.70	ug/l		97
45) 1,2-Dichloropropane	9.391	63	91924	22.19	ug/l		99
46) Dibromomethane	9.479	93	46860	20.86	ug/l		90
47) Bromodichloromethane	9.667	83	124117	21.31	ug/l		96
48) Methyl methacrylate	9.456	41	40103	20.87	ug/l		90
49) 1,4-Dioxane	9.461	88	11914	453.86	ug/l		93
51) 4-Methyl-2-Pentanone	10.232	43	219665	111.07	ug/l		98
52) Toluene	10.408	92	226641	20.77	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	118362	21.96	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	141082	21.42	ug/l		97
55) 1,1,2-Trichloroethane	10.803	97	68870	22.19	ug/l		91
56) Ethyl methacrylate	10.661	69	79124	21.48	ug/l		96
57) 1,3-Dichloropropane	10.950	76	115894	21.28	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	196306	99.54	ug/l		92
59) 2-Hexanone	10.985	43	151127	113.04	ug/l		98
60) Dibromochloromethane	11.144	129	80575	20.92	ug/l		98
61) 1,2-Dibromoethane	11.250	107	63142	21.05	ug/l		98
64) Tetrachloroethene	10.879	164	76552	20.40	ug/l		96
65) Chlorobenzene	11.673	112	241116	20.56	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	83936	20.51	ug/l		98
67) Ethyl Benzene	11.744	91	439774	20.91	ug/l		99
68) m/p-Xylenes	11.855	106	325954	41.02	ug/l		98
69) o-Xylene	12.179	106	155758	21.36	ug/l		95
70) Styrene	12.197	104	267576	21.10	ug/l		99
71) Bromoform	12.361	173	42684	20.30	ug/l	#	100
73) Isopropylbenzene	12.479	105	425137	20.79	ug/l		98
74) N-amyl acetate	12.291	43	74389	20.61	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.732	83	75591	21.34	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	52246m	19.62	ug/l		
77) Bromobenzene	12.761	156	92777	20.31	ug/l		87
78) n-propylbenzene	12.820	91	503416	20.57	ug/l		97
79) 2-Chlorotoluene	12.908	91	279235	20.60	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	347452	20.80	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.532	75	22423	21.10	ug/l		96
82) 4-Chlorotoluene	13.002	91	297359	20.75	ug/l		97
83) tert-Butylbenzene	13.220	119	295068	20.36	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	349297	20.99	ug/l		100
85) sec-Butylbenzene	13.402	105	424599	20.95	ug/l		98
86) p-Isopropyltoluene	13.514	119	375567	20.64	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	182560	20.66	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	178418	20.29	ug/l		97
89) n-Butylbenzene	13.844	91	366583	20.64	ug/l		98
90) Hexachloroethane	14.108	117	68587	20.76	ug/l		87
91) 1,2-Dichlorobenzene	13.891	146	161333	21.06	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	11604	22.40	ug/l		81
93) 1,2,4-Trichlorobenzene	15.161	180	103952	20.71	ug/l		99
94) Hexachlorobutadiene	15.267	225	54364	19.70	ug/l		97
95) Naphthalene	15.396	128	197485	21.17	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	86650	19.80	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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