Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
Data File : VD068362.D
Acq On : 15 Feb 2021 14:44
Operator : VA/SY
Sample : VD0215SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

Manual Integrations APPROVED
MMDadoda
2/16/2021 1:18:25 PM

Quant Time: Feb 16 00:15:44 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	7.985	168	394741	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	689984	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	619651	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	283499	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.338	65	217683	53.94	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.88%				
35) Dibromofluoromethane	7.920	113	212498	51.89	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.78%				
50) Toluene-d8	10.344	98	885426	52.16	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.32%				
62) 4-Bromofluorobenzene	12.632	95	285004	51.54	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	79037	21.85	ug/l		99
3) Chloromethane	2.209	50	94226	21.88	ug/l		99
4) Vinyl Chloride	2.350	62	109010	21.15	ug/l		100
5) Bromomethane	2.756	94	76893	20.87	ug/l		92
6) Chloroethane	2.921	64	70125	20.83	ug/l		97
7) Trichlorofluoromethane	3.273	101	132228	20.84	ug/l		96
8) Diethyl Ether	3.709	74	39591	21.25	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.097	101	80662	20.89	ug/l		94
10) Methyl Iodide	4.303	142	72162	19.90	ug/l		94
11) Tert butyl alcohol	5.226	59	22074	109.10	ug/l	#	92
12) 1,1-Dichloroethene	4.067	96	77177	20.56	ug/l		96
13) Acrolein	3.926	56	20075	86.77	ug/l		99
14) Allyl chloride	4.715	41	107143	21.95	ug/l		96
15) Acrylonitrile	5.426	53	88506	110.04	ug/l		98
16) Acetone	4.156	43	66086	106.15	ug/l		90
17) Carbon Disulfide	4.415	76	226537	20.84	ug/l		99
18) Methyl Acetate	4.720	43	35710	20.90	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	186186	21.98	ug/l		93
20) Methylene Chloride	4.973	84	108125	23.37	ug/l		91
21) trans-1,2-Dichloroethene	5.473	96	91253	21.00	ug/l		95
22) Diisopropyl ether	6.362	45	239173	22.14	ug/l	#	91
23) Vinyl Acetate	6.309	43	612164	109.76	ug/l		98
24) 1,1-Dichloroethane	6.267	63	155075	20.98	ug/l		99
25) 2-Butanone	7.220	43	95426	109.62	ug/l		99
26) 2,2-Dichloropropane	7.209	77	136798	21.64	ug/l		99
27) cis-1,2-Dichloroethene	7.209	96	104856	21.23	ug/l		96
28) Bromochloromethane	7.550	49	64163	20.93	ug/l	#	77
29) Tetrahydrofuran	7.561	42	64292	114.18	ug/l		95
30) Chloroform	7.714	83	166629	21.68	ug/l		93
31) Cyclohexane	7.985	56	141952	22.62	ug/l		93
32) 1,1,1-Trichloroethane	7.908	97	140565	21.16	ug/l		96
36) 1,1-Dichloropropene	8.114	75	129726	21.25	ug/l		95
37) Ethyl Acetate	7.297	43	43365	21.02	ug/l		97
38) Carbon Tetrachloride	8.103	117	118526	20.36	ug/l		94
39) Methylcyclohexane	9.355	83	157057	20.98	ug/l		98
40) Benzene	8.356	78	364328	20.93	ug/l		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	20868	17.58	ug/l	#	70
42) 1,2-Dichloroethane	8.426	62	98840	21.28	ug/l		99
43) Isopropyl Acetate	8.456	43	85293	21.59	ug/l		96
44) Trichloroethene	9.114	130	96715	20.41	ug/l		96
45) 1,2-Dichloropropane	9.391	63	90870	21.39	ug/l		94
46) Dibromomethane	9.473	93	48624	21.10	ug/l		91
47) Bromodichloromethane	9.661	83	128901	21.57	ug/l		96
48) Methyl methacrylate	9.461	41	40685	20.64	ug/l		91
49) 1,4-Dioxane	9.461	88	11900	441.94	ug/l		94
51) 4-Methyl-2-Pentanone	10.232	43	224577	110.70	ug/l		95
52) Toluene	10.402	92	239640	21.41	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	116929	21.15	ug/l		95
54) cis-1,3-Dichloropropene	10.091	75	142076	21.03	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	68189	21.42	ug/l		97
56) Ethyl methacrylate	10.661	69	81816	21.66	ug/l		96
57) 1,3-Dichloropropane	10.944	76	119425	21.37	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	206588	102.13	ug/l		92
59) 2-Hexanone	10.985	43	150359	109.65	ug/l		98
60) Dibromochloromethane	11.144	129	83067	21.03	ug/l		99
61) 1,2-Dibromoethane	11.244	107	63769	20.73	ug/l		97
64) Tetrachloroethene	10.879	164	79410	20.83	ug/l		95
65) Chlorobenzene	11.673	112	250203	21.00	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	86217	20.74	ug/l		96
67) Ethyl Benzene	11.744	91	457709	21.43	ug/l		99
68) m/p-Xylenes	11.855	106	340172	42.13	ug/l		99
69) o-Xylene	12.179	106	156815	21.17	ug/l		99
70) Styrene	12.196	104	267844	20.79	ug/l		99
71) Bromoform	12.361	173	44232	20.71	ug/l	#	98
73) Isopropylbenzene	12.479	105	437089	21.11	ug/l		98
74) N-amyl acetate	12.291	43	78573	21.49	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.732	83	77084	21.48	ug/l		96
76) 1,2,3-Trichloropropane	12.779	75	43348m	16.07	ug/l		
77) Bromobenzene	12.761	156	94436	20.41	ug/l		86
78) n-propylbenzene	12.820	91	521950	21.06	ug/l		98
79) 2-Chlorotoluene	12.908	91	287612	20.95	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	357290	21.11	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	23178	21.54	ug/l		97
82) 4-Chlorotoluene	13.002	91	303595	20.92	ug/l		96
83) tert-Butylbenzene	13.220	119	309146	21.06	ug/l		100
84) 1,2,4-Trimethylbenzene	13.267	105	354221	21.01	ug/l		98
85) sec-Butylbenzene	13.396	105	435684	21.22	ug/l		99
86) p-Isopropyltoluene	13.514	119	387471	21.02	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	185906	20.77	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	185486	20.83	ug/l		98
89) n-Butylbenzene	13.843	91	380713	21.17	ug/l		98
90) Hexachloroethane	14.108	117	71543	21.38	ug/l		88
91) 1,2-Dichlorobenzene	13.885	146	158942	20.48	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11034	21.03	ug/l		85
93) 1,2,4-Trichlorobenzene	15.161	180	108427	21.33	ug/l		99
94) Hexachlorobutadiene	15.267	225	58764	21.02	ug/l		98
95) Naphthalene	15.396	128	202729	21.45	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	94096	21.22	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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