Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068165.D
Acq On : 25 Jan 2021 13:13
Operator : VA/SY
Sample : VD0125SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 26 00:07:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0125SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	397551	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	700913	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	628253	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	286278	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	179035	47.08	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.16%				
35) Dibromofluoromethane	7.920	113	183878	47.45	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.90%				
50) Toluene-d8	10.344	98	690887	44.57	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.14%				
62) 4-Bromofluorobenzene	12.632	95	248671	44.55	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	100183	21.21	ug/l		96
3) Chloromethane	2.215	50	112527	22.13	ug/l		98
4) Vinyl Chloride	2.356	62	127933	22.62	ug/l		98
5) Bromomethane	2.762	94	85557	22.05	ug/l		95
6) Chloroethane	2.921	64	79679	23.06	ug/l		96
7) Trichlorofluoromethane	3.279	101	149566	20.14	ug/l		97
8) Diethyl Ether	3.715	74	44929	20.55	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.103	101	90194	20.83	ug/l		95
10) Methyl Iodide	4.309	142	86260	19.80	ug/l		92
11) Tert butyl alcohol	5.220	59	39970	70.35	ug/l	#	84
12) 1,1-Dichloroethene	4.073	96	90613	20.80	ug/l		95
13) Acrolein	3.926	56	31430	104.87	ug/l		100
14) Allyl chloride	4.720	41	133134	21.01	ug/l		94
15) Acrylonitrile	5.426	53	97708	112.83	ug/l		96
16) Acetone	4.162	43	71487	105.28	ug/l		99
17) Carbon Disulfide	4.415	76	285003	20.32	ug/l		99
18) Methyl Acetate	4.726	43	39874	22.62	ug/l		89
19) Methyl tert-butyl Ether	5.485	73	212980	21.15	ug/l		95
20) Methylene Chloride	4.967	84	111754	21.28	ug/l		90
21) trans-1,2-Dichloroethene	5.479	96	103703	20.74	ug/l		87
22) Diisopropyl ether	6.362	45	270454	21.16	ug/l		92
23) Vinyl Acetate	6.309	43	727650	106.78	ug/l		96
24) 1,1-Dichloroethane	6.267	63	178553	21.56	ug/l		100
25) 2-Butanone	7.214	43	108985	106.59	ug/l		97
26) 2,2-Dichloropropane	7.209	77	158111	20.17	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	117635	21.67	ug/l		92
28) Bromochloromethane	7.550	49	64223	22.76	ug/l	#	74
29) Tetrahydrofuran	7.561	42	73055	110.22	ug/l		92
30) Chloroform	7.714	83	178887	21.37	ug/l		98
31) Cyclohexane	7.991	56	167635	20.36	ug/l		93
32) 1,1,1-Trichloroethane	7.908	97	158758	21.05	ug/l		95
36) 1,1-Dichloropropene	8.114	75	145634	20.60	ug/l		95
37) Ethyl Acetate	7.297	43	52455	20.98	ug/l		97
38) Carbon Tetrachloride	8.097	117	132624	20.05	ug/l		99
39) Methylcyclohexane	9.355	83	184039	19.92	ug/l		98
40) Benzene	8.350	78	412557	20.88	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	28881	19.14	ug/l		98
42) 1,2-Dichloroethane	8.426	62	110999	21.02	ug/l		98
43) Isopropyl Acetate	8.450	43	104834	20.12	ug/l		96
44) Trichloroethene	9.114	130	111363	20.52	ug/l		95
45) 1,2-Dichloropropane	9.391	63	101123	20.89	ug/l		93
46) Dibromomethane	9.479	93	51525	21.01	ug/l		94
47) Bromodichloromethane	9.661	83	139392	21.07	ug/l		97
48) Methyl methacrylate	9.455	41	53859	20.77	ug/l		98
49) 1,4-Dioxane	9.467	88	11766	409.43	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.232	43	253735	104.76	ug/l		97
52) Toluene	10.402	92	263786	20.49	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	135362	20.21	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	162398	20.37	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	74760	21.51	ug/l		92
56) Ethyl methacrylate	10.661	69	94996	20.52	ug/l	#	93
57) 1,3-Dichloropropane	10.950	76	129980	21.20	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	233372	109.24	ug/l		93
59) 2-Hexanone	10.985	43	170556	101.59	ug/l		97
60) Dibromochloromethane	11.144	129	89471	20.53	ug/l		99
61) 1,2-Dibromoethane	11.249	107	71644	20.89	ug/l		99
64) Tetrachloroethene	10.879	164	90576	20.46	ug/l		97
65) Chlorobenzene	11.673	112	274626	20.57	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	95204	20.28	ug/l		96
67) Ethyl Benzene	11.744	91	501856	20.30	ug/l		99
68) m/p-Xylenes	11.855	106	379720	40.69	ug/l		99
69) o-Xylene	12.179	106	176722	20.39	ug/l		98
70) Styrene	12.196	104	304602	20.59	ug/l		100
71) Bromoform	12.361	173	49407	20.76	ug/l	#	97
73) Isopropylbenzene	12.479	105	481888	20.23	ug/l		100
74) N-amyl acetate	12.285	43	101722	20.54	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.732	83	79722	21.04	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	43533m	15.73	ug/l		
77) Bromobenzene	12.761	156	105898	20.74	ug/l		86
78) n-propylbenzene	12.820	91	576941	20.47	ug/l		96
79) 2-Chlorotoluene	12.908	91	320318	20.24	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	398100	20.07	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.532	75	26349	19.26	ug/l		98
82) 4-Chlorotoluene	13.008	91	339079	20.61	ug/l		95
83) tert-Butylbenzene	13.220	119	342615	20.38	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	396934	20.16	ug/l		98
85) sec-Butylbenzene	13.402	105	476110	20.25	ug/l		98
86) p-Isopropyltoluene	13.514	119	429007	20.06	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	200517	20.42	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	198578	20.53	ug/l		98
89) n-Butylbenzene	13.843	91	407377	19.85	ug/l		98
90) Hexachloroethane	14.108	117	75154	19.45	ug/l		90
91) 1,2-Dichlorobenzene	13.891	146	172080	20.46	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12772	20.60	ug/l		79
93) 1,2,4-Trichlorobenzene	15.161	180	118834	20.61	ug/l		99
94) Hexachlorobutadiene	15.267	225	63595	19.90	ug/l		98
95) Naphthalene	15.402	128	220736	20.42	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	99646	20.49	ug/l		99

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

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