Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
Data File : VD068555.D
Acq On : 08 Mar 2021 12:37
Operator : VA/SY
Sample : VD0308SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

Manual Integrations APPROVED
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3/9/2021 3:02:36 PM

Quant Time: Mar 09 00:09:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	272894	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	465876	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	426135	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	199625	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	129721	47.58	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.16%				
35) Dibromofluoromethane	7.914	113	137651	49.05	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.10%				
50) Toluene-d8	10.344	98	537766	48.11	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.22%				
62) 4-Bromofluorobenzene	12.632	95	174582	48.46	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	53977	20.38	ug/l		95
3) Chloromethane	2.209	50	68512	20.47	ug/l		98
4) Vinyl Chloride	2.350	62	81581	20.53	ug/l		96
5) Bromomethane	2.762	94	61020	21.56	ug/l		98
6) Chloroethane	2.920	64	52440	20.41	ug/l		89
7) Trichlorofluoromethane	3.273	101	97468	21.50	ug/l		96
8) Diethyl Ether	3.709	74	27303	20.23	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.103	101	60809	22.02	ug/l		94
10) Methyl Iodide	4.303	142	59225	19.61	ug/l		94
11) Tert butyl alcohol	5.232	59	15380	105.65	ug/l	#	74
12) 1,1-Dichloroethene	4.067	96	57351	20.93	ug/l		98
13) Acrolein	3.920	56	17694	85.04	ug/l		98
14) Allyl chloride	4.720	41	71034	20.07	ug/l		99
15) Acrylonitrile	5.426	53	66417	116.59	ug/l		97
16) Acetone	4.162	43	42470	98.06	ug/l		94
17) Carbon Disulfide	4.414	76	177449	19.76	ug/l		99
18) Methyl Acetate	4.720	43	21934	19.65	ug/l		98
19) Methyl tert-butyl Ether	5.485	73	142757	24.03	ug/l		98
20) Methylene Chloride	4.967	84	74836	20.66	ug/l		97
21) trans-1,2-Dichloroethene	5.473	96	77720	23.75	ug/l		97
22) Diisopropyl ether	6.361	45	162227	20.82	ug/l		96
23) Vinyl Acetate	6.308	43	403427	99.79	ug/l		96
24) 1,1-Dichloroethane	6.267	63	115295	21.59	ug/l		97
25) 2-Butanone	7.208	43	61593	98.93	ug/l		96
26) 2,2-Dichloropropane	7.214	77	94997	21.35	ug/l		100
27) cis-1,2-Dichloroethene	7.220	96	76022	21.16	ug/l		96
28) Bromochloromethane	7.555	49	41205	19.76	ug/l		84
29) Tetrahydrofuran	7.567	42	39007	96.49	ug/l		99
30) Chloroform	7.714	83	118201	20.96	ug/l		99
31) Cyclohexane	7.985	56	97164	19.60	ug/l		95
32) 1,1,1-Trichloroethane	7.902	97	103257	21.45	ug/l		96
36) 1,1-Dichloropropene	8.114	75	92001	20.78	ug/l		98
37) Ethyl Acetate	7.297	43	28511	19.40	ug/l	#	94
38) Carbon Tetrachloride	8.102	117	89241	21.45	ug/l		98
39) Methylcyclohexane	9.355	83	110920	20.31	ug/l		99
40) Benzene	8.355	78	270265	21.28	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	15653	18.35	ug/l		87
42) 1,2-Dichloroethane	8.426	62	72036	21.57	ug/l		98
43) Isopropyl Acetate	8.455	43	54807	20.30	ug/l		98
44) Trichloroethene	9.114	130	75173	21.56	ug/l		96
45) 1,2-Dichloropropane	9.391	63	66050	21.75	ug/l		93
46) Dibromomethane	9.479	93	35688	21.60	ug/l		93
47) Bromodichloromethane	9.661	83	91608	21.44	ug/l		99
48) Methyl methacrylate	9.455	41	28986	20.14	ug/l		95
49) 1,4-Dioxane	9.461	88	7715	409.50	ug/l		88
51) 4-Methyl-2-Pentanone	10.232	43	144640	102.36	ug/l		98
52) Toluene	10.408	92	172834	21.31	ug/l		95
53) t-1,3-Dichloropropene	10.626	75	82417	20.87	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	102354	21.24	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	48626	21.27	ug/l		94
56) Ethyl methacrylate	10.661	69	52392	19.94	ug/l		98
57) 1,3-Dichloropropane	10.949	76	82226	20.61	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	125226	94.98	ug/l		96
59) 2-Hexanone	10.985	43	95654	101.55	ug/l		97
60) Dibromochloromethane	11.138	129	61689	21.80	ug/l		96
61) 1,2-Dibromoethane	11.243	107	46853	20.94	ug/l		99
64) Tetrachloroethene	10.879	164	60812	21.85	ug/l		92
65) Chlorobenzene	11.667	112	183259	21.12	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	66384	22.01	ug/l		97
67) Ethyl Benzene	11.743	91	323790	20.90	ug/l		98
68) m/p-Xylenes	11.855	106	253398	43.07	ug/l		98
69) o-Xylene	12.179	106	115512	21.32	ug/l		95
70) Styrene	12.196	104	197995	21.37	ug/l		97
71) Bromoform	12.361	173	34793	22.70	ug/l	#	95
73) Isopropylbenzene	12.479	105	313268	21.16	ug/l		100
74) N-amyl acetate	12.291	43	50085	19.86	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.726	83	53272	20.91	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	35805m	20.20	ug/l		
77) Bromobenzene	12.755	156	73926	21.88	ug/l		96
78) n-propylbenzene	12.820	91	376032	21.26	ug/l		99
79) 2-Chlorotoluene	12.908	91	204796	20.86	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	257871	21.25	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	15692	20.66	ug/l		94
82) 4-Chlorotoluene	13.002	91	216814	20.99	ug/l		97
83) tert-Butylbenzene	13.220	119	214488	20.76	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	260714	21.45	ug/l		98
85) sec-Butylbenzene	13.402	105	314820	21.57	ug/l		99
86) p-Isopropyltoluene	13.514	119	286537	21.63	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	139089	21.31	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	138411	21.41	ug/l		98
89) n-Butylbenzene	13.837	91	270379	21.16	ug/l		97
90) Hexachloroethane	14.108	117	61407	23.32	ug/l		94
91) 1,2-Dichlorobenzene	13.885	146	120993	21.62	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	9080	20.22	ug/l		92
93) 1,2,4-Trichlorobenzene	15.155	180	93680	21.67	ug/l		98
94) Hexachlorobutadiene	15.267	225	54527	22.72	ug/l		97
95) Naphthalene	15.396	128	158512	20.25	ug/l		100
96) 1,2,3-Trichlorobenzene	15.584	180	80312	21.46	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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