Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068849.D
Acq On : 15 Apr 2021 11:56
Operator : VA/SY
Sample : VD0415SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0415SBS01

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:37 PM

Quant Time: Apr 16 01:05:25 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	164187	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	275914	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	258757	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	140118	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	86262	49.71	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.42%				
35) Dibromofluoromethane	7.914	113	91706	51.10	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.20%				
50) Toluene-d8	10.338	98	379707	56.09	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.18%				
62) 4-Bromofluorobenzene	12.626	95	123599	54.97	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	33538	20.62	ug/l		100
3) Chloromethane	2.209	50	37772	19.75	ug/l		89
4) Vinyl Chloride	2.350	62	48643	20.24	ug/l		96
5) Bromomethane	2.756	94	37012	20.61	ug/l		91
6) Chloroethane	2.915	64	33365	21.13	ug/l		97
7) Trichlorofluoromethane	3.268	101	56479	19.98	ug/l		98
8) Diethyl Ether	3.703	74	14751	19.32	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.085	101	34275	20.09	ug/l		97
10) Methyl Iodide	4.303	142	28533	15.89	ug/l		99
11) Tert butyl alcohol	5.238	59	10333	93.48	ug/l	#	73
12) 1,1-Dichloroethene	4.062	96	31869	19.39	ug/l		98
13) Acrolein	3.926	56	5608	82.11	ug/l		100
14) Allyl chloride	4.715	41	39838	21.51	ug/l		96
15) Acrylonitrile	5.426	53	34913	101.89	ug/l		99
16) Acetone	4.156	43	21770	90.60	ug/l		97
17) Carbon Disulfide	4.403	76	104141	19.58	ug/l		99
18) Methyl Acetate	4.715	43	13078	19.81	ug/l		99
19) Methyl tert-butyl Ether	5.473	73	76415	20.96	ug/l		96
20) Methylene Chloride	4.956	84	43522	19.42	ug/l		93
21) trans-1,2-Dichloroethene	5.468	96	45461	21.54	ug/l		95
22) Diisopropyl ether	6.362	45	92895	20.70	ug/l		94
23) Vinyl Acetate	6.309	43	238227	100.17	ug/l		98
24) 1,1-Dichloroethane	6.262	63	71102	21.01	ug/l		99
25) 2-Butanone	7.209	43	33245	97.77	ug/l		95
26) 2,2-Dichloropropane	7.209	77	60565	21.91	ug/l		95
27) cis-1,2-Dichloroethene	7.209	96	46142	22.00	ug/l		97
28) Bromochloromethane	7.538	49	22203	18.18	ug/l		95
29) Tetrahydrofuran	7.562	42	21393	93.55	ug/l		95
30) Chloroform	7.709	83	73291	19.79	ug/l		97
31) Cyclohexane	7.985	56	55483	19.22	ug/l		99
32) 1,1,1-Trichloroethane	7.903	97	66613	20.58	ug/l		98
36) 1,1-Dichloropropene	8.109	75	61171	21.90	ug/l		99
37) Ethyl Acetate	7.291	43	17019	20.75	ug/l		98
38) Carbon Tetrachloride	8.097	117	62483	22.60	ug/l		99
39) Methylcyclohexane	9.350	83	65371	20.07	ug/l		99
40) Benzene	8.350	78	160118	19.59	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	9968m	20.53	ug/l		
42) 1,2-Dichloroethane	8.420	62	45203	20.92	ug/l		97
43) Isopropyl Acetate	8.450	43	31383	18.77	ug/l		97
44) Trichloroethene	9.114	130	45597	20.20	ug/l		94
45) 1,2-Dichloropropane	9.385	63	40216	20.60	ug/l		93
46) Dibromomethane	9.473	93	22778	20.95	ug/l		98
47) Bromodichloromethane	9.661	83	62608	22.04	ug/l		96
48) Methyl methacrylate	9.456	41	14235	17.27	ug/l	#	81
49) 1,4-Dioxane	9.456	88	5217	453.15	ug/l		88
51) 4-Methyl-2-Pentanone	10.232	43	86041	102.08	ug/l		99
52) Toluene	10.403	92	104677	20.23	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	50057	19.88	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	64181	21.31	ug/l		94
55) 1,1,2-Trichloroethane	10.797	97	32903	21.40	ug/l		98
56) Ethyl methacrylate	10.661	69	32837	20.75	ug/l		96
57) 1,3-Dichloropropane	10.944	76	54258	21.43	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	70648	95.14	ug/l		96
59) 2-Hexanone	10.979	43	53527	94.91	ug/l		97
60) Dibromochloromethane	11.138	129	41874	21.72	ug/l		100
61) 1,2-Dibromoethane	11.244	107	33359	22.32	ug/l		100
64) Tetrachloroethene	10.873	164	40789	22.49	ug/l		92
65) Chlorobenzene	11.667	112	107983	19.28	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.738	131	42079	20.89	ug/l		100
67) Ethyl Benzene	11.744	91	195462	20.15	ug/l		99
68) m/p-Xylenes	11.850	106	153252	40.95	ug/l		99
69) o-Xylene	12.179	106	74375	21.85	ug/l		100
70) Styrene	12.191	104	130868	22.06	ug/l		99
71) Bromoform	12.361	173	24152	22.39	ug/l	#	100
73) Isopropylbenzene	12.473	105	204881	20.03	ug/l		99
74) N-amyl acetate	12.285	43	30957	17.84	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	36566	19.12	ug/l		100
76) 1,2,3-Trichloropropane	12.779	75	22044m	17.22	ug/l		
77) Bromobenzene	12.755	156	49792	20.24	ug/l		96
78) n-propylbenzene	12.814	91	247027	19.88	ug/l		99
79) 2-Chlorotoluene	12.902	91	135456	19.51	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	171574	20.06	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	10871	19.71	ug/l		96
82) 4-Chlorotoluene	13.002	91	142819	19.41	ug/l		97
83) tert-Butylbenzene	13.220	119	142589	19.65	ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	172463	19.96	ug/l		99
85) sec-Butylbenzene	13.397	105	202834	19.81	ug/l		99
86) p-Isopropyltoluene	13.508	119	184362	19.71	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	98638	20.24	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	97041	20.12	ug/l		99
89) n-Butylbenzene	13.838	91	170843	19.39	ug/l		98
90) Hexachloroethane	14.108	117	36953	19.83	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	83185	19.73	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	5280	18.16	ug/l		88
93) 1,2,4-Trichlorobenzene	15.155	180	50073	19.19	ug/l		96
94) Hexachlorobutadiene	15.261	225	28252	18.91	ug/l		97
95) Naphthalene	15.396	128	85285	18.77	ug/l		98
96) 1,2,3-Trichlorobenzene	15.585	180	44133	19.34	ug/l		99

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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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