Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
Data File : VD069100.D
Acq On : 07 May 2021 13:56
Operator : VA/SY
Sample : VD0507SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations APPROVED
sam
5/10/2021 11:00:49 AM

Quant Time: May 08 00:07:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	275535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	454838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	438733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153981	43.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.72%			
35) Dibromofluoromethane	7.914	113	160525	51.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.92%			
50) Toluene-d8	10.338	98	593524	51.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.08%			
62) 4-Bromofluorobenzene	12.626	95	193569	51.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	64155	19.14	ug/l	98
3) Chloromethane	2.209	50	72636	17.61	ug/l	93
4) Vinyl Chloride	2.344	62	96860	17.76	ug/l	98
5) Bromomethane	2.744	94	69525	21.43	ug/l	93
6) Chloroethane	2.903	64	60083	18.95	ug/l	92
7) Trichlorofluoromethane	3.256	101	117076	19.55	ug/l	95
8) Diethyl Ether	3.703	74	26074	17.92	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	60509	18.87	ug/l	97
10) Methyl Iodide	4.297	142	44233	17.49	ug/l	92
11) Tert butyl alcohol	5.203	59	29666m	96.31	ug/l	
12) 1,1-Dichloroethene	4.062	96	55964	19.38	ug/l	96
13) Acrolein	3.921	56	17737	83.35	ug/l	100
14) Allyl chloride	4.703	41	58349	15.68	ug/l	94
15) Acrylonitrile	5.420	53	53627	84.80	ug/l	98
16) Acetone	4.162	43	41079	63.95	ug/l	98
17) Carbon Disulfide	4.403	76	177168	18.15	ug/l	98
18) Methyl Acetate	4.715	43	23063	16.68	ug/l	96
19) Methyl tert-butyl Ether	5.468	73	121475	18.41	ug/l	96
20) Methylene Chloride	4.962	84	106286	27.49	ug/l	88
21) trans-1,2-Dichloroethene	5.462	96	67993	19.82	ug/l	82
22) Diisopropyl ether	6.367	45	140884	16.96	ug/l	96
23) Vinyl Acetate	6.309	43	381714	80.39	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	106943	18.23	ug/l	97
25) 2-Butanone	7.209	43	60018	79.06	ug/l	99
26) 2,2-Dichloropropane	7.203	77	97570	17.81	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	70571	19.06	ug/l	94
28) Bromochloromethane	7.550	49	40283	17.01	ug/l	86
29) Tetrahydrofuran	7.567	42	36717	78.62	ug/l	87
30) Chloroform	7.709	83	120923	18.43	ug/l	91
31) Cyclohexane	7.985	56	87301	16.95	ug/l #	93
32) 1,1,1-Trichloroethane	7.903	97	110163	18.39	ug/l	98
36) 1,1-Dichloropropene	8.109	75	91164	19.05	ug/l	99
37) Ethyl Acetate	7.297	43	31304	17.35	ug/l #	79
38) Carbon Tetrachloride	8.097	117	97362	18.76	ug/l	98
39) Methylcyclohexane	9.356	83	96759	18.49	ug/l	96
40) Benzene	8.350	78	258749	19.54	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.544	41	17381m	16.62	ug/l		
42) 1,2-Dichloroethane	8.420	62	73801	17.83	ug/l		98
43) Isopropyl Acetate	8.450	43	54699	16.17	ug/l		96
44) Trichloroethene	9.114	130	72340	20.55	ug/l		99
45) 1,2-Dichloropropane	9.385	63	61527	18.87	ug/l		92
46) Dibromomethane	9.473	93	37838	20.19	ug/l		96
47) Bromodichloromethane	9.661	83	91592	18.59	ug/l		99
48) Methyl methacrylate	9.456	41	26857	16.10	ug/l		90
49) 1,4-Dioxane	9.456	88	9159	422.71	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.226	43	141518	81.73	ug/l		93
52) Toluene	10.403	92	169031	20.11	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	80374	18.77	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	94874	18.74	ug/l		93
55) 1,1,2-Trichloroethane	10.797	97	50431	20.27	ug/l		96
56) Ethyl methacrylate	10.661	69	48485	17.79	ug/l		96
57) 1,3-Dichloropropane	10.944	76	83668	19.95	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	135801	94.24	ug/l		95
59) 2-Hexanone	10.979	43	95846	82.01	ug/l		91
60) Dibromochloromethane	11.138	129	65795	19.87	ug/l		97
61) 1,2-Dibromoethane	11.244	107	49668	20.56	ug/l		96
64) Tetrachloroethene	10.873	164	61029	21.58	ug/l		90
65) Chlorobenzene	11.667	112	181612	20.28	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	69926	20.64	ug/l		97
67) Ethyl Benzene	11.744	91	312138	19.66	ug/l		97
68) m/p-Xylenes	11.850	106	243017	40.71	ug/l		95
69) o-Xylene	12.179	106	107230	20.04	ug/l		96
70) Styrene	12.191	104	188910	19.99	ug/l		98
71) Bromoform	12.361	173	36768	21.17	ug/l	#	99
73) Isopropylbenzene	12.473	105	293454	18.82	ug/l		100
74) N-amyl acetate	12.285	43	51630	15.77	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.726	83	57227	18.72	ug/l		95
76) 1,2,3-Trichloropropane	12.779	75	35749m	18.23	ug/l		
77) Bromobenzene	12.755	156	73062	20.24	ug/l		91
78) n-propylbenzene	12.814	91	362085	18.90	ug/l		99
79) 2-Chlorotoluene	12.902	91	198376	18.57	ug/l		95
80) 1,3,5-Trimethylbenzene	12.955	105	255159	19.22	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	16185	17.96	ug/l		87
82) 4-Chlorotoluene	12.997	91	217927	19.06	ug/l		100
83) tert-Butylbenzene	13.220	119	209033	19.32	ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	254841	19.22	ug/l		100
85) sec-Butylbenzene	13.397	105	300655	19.20	ug/l		100
86) p-Isopropyltoluene	13.508	119	273541	18.93	ug/l		97
87) 1,3-Dichlorobenzene	13.508	146	148772	20.54	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	146552	20.53	ug/l		97
89) n-Butylbenzene	13.838	91	252230	18.39	ug/l		98
90) Hexachloroethane	14.102	117	58478	19.68	ug/l		96
91) 1,2-Dichlorobenzene	13.885	146	126265	20.05	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9319	18.53	ug/l		92
93) 1,2,4-Trichlorobenzene	15.155	180	76649	20.51	ug/l		96
94) Hexachlorobutadiene	15.267	225	44539	20.58	ug/l		98
95) Naphthalene	15.391	128	128819	18.68	ug/l		100
96) 1,2,3-Trichlorobenzene	15.585	180	66084	20.48	ug/l		99

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

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