Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
Data File : VD071051.D
Acq On : 19 Nov 2021 12:26
Operator : VA/SY
Sample : VD1119SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 02:52:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	204334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	346495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	314026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	146164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	113814	52.315	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.620%			
35) Dibromofluoromethane	7.908	113	103710	53.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.080%			
50) Toluene-d8	10.338	98	384522	50.218	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.620	95	137657	49.930	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	35864	20.543	ug/l	100
3) Chloromethane	2.209	50	46467	22.368	ug/l	98
4) Vinyl Chloride	2.350	62	49946	25.000	ug/l	99
5) Bromomethane	2.762	94	35030	25.724	ug/l	95
6) Chloroethane	2.920	64	33873	26.398	ug/l	91
7) Trichlorofluoromethane	3.273	101	64442	20.042	ug/l	100
8) Diethyl Ether	3.714	74	16691	15.685	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	36722	18.528	ug/l	96
10) Methyl Iodide	4.297	142	30755	17.436	ug/l	95
11) Tert butyl alcohol	5.197	59	27428	172.507	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	33757	17.398	ug/l	87
13) Acrolein	3.920	56	3840	75.274	ug/l	93
14) Allyl chloride	4.714	41	66416	16.433	ug/l #	82
15) Acrylonitrile	5.420	53	41062	80.642	ug/l	96
16) Acetone	4.156	43	41036	84.112	ug/l #	85
17) Carbon Disulfide	4.414	76	104834	16.733	ug/l	100
18) Methyl Acetate	4.720	43	30795	16.499	ug/l	90
19) Methyl tert-butyl Ether	5.473	73	80801	16.131	ug/l	96
20) Methylene Chloride	4.967	84	54683	21.868	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	38262	17.204	ug/l	90
22) Diisopropyl ether	6.367	45	126992	15.806	ug/l	95
23) Vinyl Acetate	6.308	43	292879m	83.544	ug/l	
24) 1,1-Dichloroethane	6.261	63	73647	17.161	ug/l	96
25) 2-Butanone	7.214	43	54667	86.503	ug/l #	83
26) 2,2-Dichloropropane	7.203	77	62639	17.295	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	41870	16.470	ug/l	90
28) Bromochloromethane	7.544	49	38016	20.886	ug/l	88
29) Tetrahydrofuran	7.561	42	34894	78.939	ug/l	91
30) Chloroform	7.708	83	73015	17.895	ug/l	100
31) Cyclohexane	7.985	56	72400	16.182	ug/l	93
32) 1,1,1-Trichloroethane	7.902	97	62908	17.952	ug/l #	91
36) 1,1-Dichloropropene	8.108	75	57852	18.700	ug/l	96
37) Ethyl Acetate	7.291	43	24138	17.102	ug/l #	92
38) Carbon Tetrachloride	8.097	117	54989	19.301	ug/l	93
39) Methylcyclohexane	9.349	83	68196	17.068	ug/l	94
40) Benzene	8.350	78	154746	17.761	ug/l	99

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41) Methacrylonitrile	7.520	41	14133	16.224	ug/l	#	77
42) 1,2-Dichloroethane	8.420	62	47644	19.307	ug/l		94
43) Isopropyl Acetate	8.450	43	48366	16.192	ug/l		90
44) Trichloroethene	9.108	130	43003	19.149	ug/l		100
45) 1,2-Dichloropropane	9.385	63	40137	17.035	ug/l		96
46) Dibromomethane	9.467	93	20419	18.207	ug/l		96
47) Bromodichloromethane	9.655	83	55044	18.556	ug/l		98
48) Methyl methacrylate	9.455	41	24425	16.668	ug/l	#	81
49) 1,4-Dioxane	9.455	88	4317	332.224	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.226	43	120536	83.232	ug/l		90
52) Toluene	10.396	92	96297	17.534	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	49422	16.521	ug/l		96
54) cis-1,3-Dichloropropene	10.085	75	60619	17.185	ug/l	#	79
55) 1,1,2-Trichloroethane	10.796	97	27280	17.698	ug/l		96
56) Ethyl methacrylate	10.655	69	32894	15.083	ug/l	#	72
57) 1,3-Dichloropropane	10.944	76	48168	17.208	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	109547	96.619	ug/l		98
59) 2-Hexanone	10.979	43	81829	83.586	ug/l		87
60) Dibromochloromethane	11.132	129	33777	18.266	ug/l		96
61) 1,2-Dibromoethane	11.238	107	26004	17.343	ug/l		100
64) Tetrachloroethene	10.867	164	32284	17.630	ug/l		95
65) Chlorobenzene	11.661	112	101024	18.031	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	35476	17.839	ug/l		99
67) Ethyl Benzene	11.738	91	182737	17.222	ug/l		97
68) m/p-Xylenes	11.849	106	140429	35.411	ug/l		97
69) o-Xylene	12.173	106	64061	16.983	ug/l		94
70) Styrene	12.185	104	111018	17.382	ug/l		97
71) Bromoform	12.355	173	18186	17.536	ug/l	#	94
73) Isopropylbenzene	12.473	105	173872	16.512	ug/l		100
74) N-amyl acetate	12.279	43	43361	14.414	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	30729	16.955	ug/l		97
76) 1,2,3-Trichloropropane	12.773	75	19923m	15.957	ug/l		
77) Bromobenzene	12.749	156	37885	16.839	ug/l		97
78) n-propylbenzene	12.814	91	220816	16.924	ug/l		100
79) 2-Chlorotoluene	12.896	91	121382	16.316	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	144042	16.614	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	7790	14.568	ug/l	#	73
82) 4-Chlorotoluene	12.996	91	127711	16.634	ug/l		99
83) tert-Butylbenzene	13.214	119	121790	16.307	ug/l		94
84) 1,2,4-Trimethylbenzene	13.255	105	141599	16.677	ug/l		99
85) sec-Butylbenzene	13.390	105	191537	17.059	ug/l		99
86) p-Isopropyltoluene	13.502	119	153588	17.035	ug/l		96
87) 1,3-Dichlorobenzene	13.508	146	77564	17.632	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	77730	17.648	ug/l		98
89) n-Butylbenzene	13.832	91	154354	17.036	ug/l		98
90) Hexachloroethane	14.096	117	27938	15.659	ug/l		98
91) 1,2-Dichlorobenzene	13.879	146	66132	17.350	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	4825	16.232	ug/l		97
93) 1,2,4-Trichlorobenzene	15.143	180	39594	16.236	ug/l		99
94) Hexachlorobutadiene	15.249	225	22578	18.357	ug/l		96
95) Naphthalene	15.384	128	68207	14.647	ug/l		100
96) 1,2,3-Trichlorobenzene	15.573	180	34066	16.613	ug/l		98

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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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