Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
Data File : VD071495.D
Acq On : 28 Dec 2021 11:34
Operator : VA/SY
Sample : VD1228SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1228SBS01

Quant Time: Dec 28 15:05:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	345710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	589263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236737	51.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.120%			
35) Dibromofluoromethane	7.914	113	206676	52.187	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.380%			
50) Toluene-d8	10.338	98	767114	51.257	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.626	95	277939	52.262	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	73280	20.229	ug/l	98
3) Chloromethane	2.215	50	88894	19.165	ug/l	96
4) Vinyl Chloride	2.350	62	98800	17.774	ug/l	95
5) Bromomethane	2.756	94	75058	19.302	ug/l	96
6) Chloroethane	2.920	64	69818	18.926	ug/l #	87
7) Trichlorofluoromethane	3.273	101	142408	20.927	ug/l	100
8) Diethyl Ether	3.709	74	40004	20.535	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	85891	21.695	ug/l	97
10) Methyl Iodide	4.303	142	68205	17.716	ug/l	94
11) Tert butyl alcohol	5.203	59	41521	92.031	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	74163	20.591	ug/l	90
13) Acrolein	3.932	56	23943	107.953	ug/l	99
14) Allyl chloride	4.714	41	138346	20.308	ug/l #	77
15) Acrylonitrile	5.414	53	104270	108.685	ug/l	97
16) Acetone	4.162	43	113362	98.298	ug/l	89
17) Carbon Disulfide	4.414	76	217136	18.503	ug/l	96
18) Methyl Acetate	4.720	43	74485	20.926	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	196480	21.132	ug/l	95
20) Methylene Chloride	4.967	84	110965	21.591	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	84621	20.285	ug/l	88
22) Diisopropyl ether	6.361	45	295534	21.310	ug/l	92
23) Vinyl Acetate	6.308	43	739044	103.372	ug/l	97
24) 1,1-Dichloroethane	6.261	63	173502	21.823	ug/l	97
25) 2-Butanone	7.214	43	137546	99.852	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	143709	21.998	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	99756	21.619	ug/l	93
28) Bromochloromethane	7.538	49	65768	20.186	ug/l #	14
29) Tetrahydrofuran	7.561	42	86293	104.336	ug/l	94
30) Chloroform	7.708	83	172020	21.443	ug/l	92
31) Cyclohexane	7.985	56	152761	19.586	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	153817	21.619	ug/l	94
36) 1,1-Dichloropropene	8.108	75	124847	19.732	ug/l	98
37) Ethyl Acetate	7.297	43	61594	21.086	ug/l #	92
38) Carbon Tetrachloride	8.097	117	132593	21.241	ug/l	94
39) Methylcyclohexane	9.355	83	145418	19.634	ug/l	96
40) Benzene	8.350	78	350497	20.606	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	34388	19.820	ug/l	#	82
42) 1,2-Dichloroethane	8.420	62	114279	20.604	ug/l		95
43) Isopropyl Acetate	8.450	43	117216	20.221	ug/l		91
44) Trichloroethene	9.108	130	95860	21.627	ug/l		94
45) 1,2-Dichloropropane	9.385	63	93265	21.131	ug/l		95
46) Dibromomethane	9.473	93	51874	21.274	ug/l		92
47) Bromodichloromethane	9.655	83	132674	21.431	ug/l		99
48) Methyl methacrylate	9.450	41	58626	20.437	ug/l	#	82
49) 1,4-Dioxane	9.450	88	10693	388.062	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.220	43	306749	100.581	ug/l		91
52) Toluene	10.402	92	227799	21.083	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	123905	21.433	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	142954	21.399	ug/l	#	84
55) 1,1,2-Trichloroethane	10.796	97	68140	22.015	ug/l		92
56) Ethyl methacrylate	10.655	69	84110	20.651	ug/l	#	75
57) 1,3-Dichloropropane	10.938	76	121769	21.478	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.938	63	194950	99.922	ug/l		99
59) 2-Hexanone	10.979	43	214107	99.320	ug/l		90
60) Dibromochloromethane	11.138	129	83537	21.471	ug/l		99
61) 1,2-Dibromoethane	11.238	107	62924	20.526	ug/l		95
64) Tetrachloroethene	10.873	164	78859	20.898	ug/l		94
65) Chlorobenzene	11.667	112	237014	21.279	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.738	131	89455	21.984	ug/l		97
67) Ethyl Benzene	11.738	91	436577	21.061	ug/l		99
68) m/p-Xylenes	11.844	106	333121	42.299	ug/l		93
69) o-Xylene	12.173	106	153996	21.392	ug/l		95
70) Styrene	12.185	104	269594	21.558	ug/l		98
71) Bromoform	12.349	173	48823	22.173	ug/l	#	100
73) Isopropylbenzene	12.473	105	430149	21.135	ug/l		99
74) N-amyl acetate	12.279	43	106346	19.476	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.726	83	78500	21.334	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	65237m	20.798	ug/l		
77) Bromobenzene	12.755	156	94775	20.927	ug/l		98
78) n-propylbenzene	12.814	91	534750	20.961	ug/l		100
79) 2-Chlorotoluene	12.896	91	301657	21.159	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	354269	21.103	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	21369	19.249	ug/l	#	70
82) 4-Chlorotoluene	12.996	91	313817	21.220	ug/l		99
83) tert-Butylbenzene	13.214	119	304022	21.194	ug/l		95
84) 1,2,4-Trimethylbenzene	13.255	105	351162	21.136	ug/l		99
85) sec-Butylbenzene	13.390	105	465513	21.286	ug/l		98
86) p-Isopropyltoluene	13.508	119	380775	20.984	ug/l		97
87) 1,3-Dichlorobenzene	13.508	146	187283	20.534	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	189038	21.137	ug/l		97
89) n-Butylbenzene	13.832	91	375708	21.095	ug/l		98
90) Hexachloroethane	14.102	117	75156	21.864	ug/l		94
91) 1,2-Dichlorobenzene	13.879	146	164971	21.312	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12536	19.645	ug/l		99
93) 1,2,4-Trichlorobenzene	15.149	180	97439	20.656	ug/l		98
94) Hexachlorobutadiene	15.255	225	54330	21.500	ug/l		99
95) Naphthalene	15.384	128	186502	20.771	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	85084	20.854	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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