Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
Data File : VD068732.D
Acq On : 31 Mar 2021 12:17
Operator : VA/SY
Sample : VD0331SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 01 00:42:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0331SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	306393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	493432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	434411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	224939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147317	47.68	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.36%			
35) Dibromofluoromethane	7.920	113	161397	52.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.14%			
50) Toluene-d8	10.337	98	662459	55.97	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.94%			
62) 4-Bromofluorobenzene	12.631	95	215337	56.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	46896	19.58	ug/l	98
3) Chloromethane	2.208	50	58057	19.68	ug/l	97
4) Vinyl Chloride	2.350	62	74622	21.40	ug/l	95
5) Bromomethane	2.755	94	53123	20.61	ug/l	94
6) Chloroethane	2.914	64	49703	21.76	ug/l	99
7) Trichlorofluoromethane	3.267	101	91912	22.11	ug/l	100
8) Diethyl Ether	3.714	74	23015	20.02	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	61798	24.84	ug/l	97
10) Methyl Iodide	4.297	142	48122	18.76	ug/l	99
11) Tert butyl alcohol	5.232	59	15998	112.37	ug/l	100
12) 1,1-Dichloroethene	4.067	96	58055	23.97	ug/l	96
13) Acrolein	3.920	56	13855	108.19	ug/l	96
14) Allyl chloride	4.714	41	64353	21.87	ug/l	98
15) Acrylonitrile	5.426	53	57572	102.88	ug/l	97
16) Acetone	4.161	43	46355	123.67	ug/l	97
17) Carbon Disulfide	4.402	76	166667	21.43	ug/l #	95
18) Methyl Acetate	4.714	43	23616	22.92	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	124804	20.46	ug/l	94
20) Methylene Chloride	4.961	84	75847	19.72	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	68247	20.27	ug/l	92
22) Diisopropyl ether	6.361	45	155466	20.79	ug/l	97
23) Vinyl Acetate	6.308	43	377279	94.96	ug/l	99
24) 1,1-Dichloroethane	6.267	63	113367	20.67	ug/l	99
25) 2-Butanone	7.208	43	57876	93.19	ug/l	97
26) 2,2-Dichloropropane	7.208	77	95124	19.49	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	70343	18.75	ug/l	98
28) Bromochloromethane	7.543	49	38477	17.74	ug/l	99
29) Tetrahydrofuran	7.567	42	34629	88.21	ug/l	99
30) Chloroform	7.708	83	116537	19.55	ug/l	99
31) Cyclohexane	7.985	56	93711	18.80	ug/l	93
32) 1,1,1-Trichloroethane	7.896	97	106634	20.04	ug/l	99
36) 1,1-Dichloropropene	8.108	75	92093	20.90	ug/l	99
37) Ethyl Acetate	7.290	43	26038	18.72	ug/l	99
38) Carbon Tetrachloride	8.096	117	95734	21.77	ug/l	99
39) Methylcyclohexane	9.355	83	96208	17.69	ug/l	96
40) Benzene	8.349	78	268043	20.85	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	17283m	21.23	ug/l		
42) 1,2-Dichloroethane	8.426	62	68469	20.35	ug/l		99
43) Isopropyl Acetate	8.455	43	50001	18.74	ug/l		94
44) Trichloroethene	9.114	130	69537	19.49	ug/l		92
45) 1,2-Dichloropropane	9.390	63	66245	21.54	ug/l		97
46) Dibromomethane	9.473	93	36550	20.89	ug/l		97
47) Bromodichloromethane	9.661	83	97223	21.67	ug/l		98
48) Methyl methacrylate	9.455	41	26035	19.26	ug/l	#	85
49) 1,4-Dioxane	9.461	88	8500	437.29	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	143716	103.48	ug/l		98
52) Toluene	10.402	92	160738	19.75	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	86002	20.83	ug/l		100
54) cis-1,3-Dichloropropene	10.090	75	104106	21.24	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	51963	21.12	ug/l		93
56) Ethyl methacrylate	10.661	69	54406	20.46	ug/l		97
57) 1,3-Dichloropropane	10.943	76	88518	22.04	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.943	63	120768	89.15	ug/l		100
59) 2-Hexanone	10.984	43	98836	105.99	ug/l		99
60) Dibromochloromethane	11.137	129	68497	22.44	ug/l		98
61) 1,2-Dibromoethane	11.243	107	50012	21.06	ug/l		98
64) Tetrachloroethene	10.873	164	62786	22.30	ug/l		95
65) Chlorobenzene	11.673	112	175854	20.57	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	63754	20.73	ug/l		98
67) Ethyl Benzene	11.743	91	302338	20.27	ug/l		96
68) m/p-Xylenes	11.849	106	233326	40.15	ug/l		98
69) o-Xylene	12.178	106	117702	21.86	ug/l		99
70) Styrene	12.190	104	205156	22.17	ug/l		99
71) Bromoform	12.361	173	37056	22.84	ug/l	#	99
73) Isopropylbenzene	12.478	105	319288	20.66	ug/l		100
74) N-amyl acetate	12.284	43	50227	19.50	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.731	83	58542	21.44	ug/l		98
76) 1,2,3-Trichloropropane	12.784	75	36574m	19.54	ug/l		
77) Bromobenzene	12.755	156	76832	21.19	ug/l		99
78) n-propylbenzene	12.820	91	385272	20.94	ug/l		99
79) 2-Chlorotoluene	12.908	91	206899	20.60	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	245047	19.61	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.525	75	16493	20.04	ug/l		95
82) 4-Chlorotoluene	13.002	91	204605	19.07	ug/l		99
83) tert-Butylbenzene	13.220	119	216636	20.34	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	266939	20.67	ug/l		99
85) sec-Butylbenzene	13.396	105	314909	20.33	ug/l		99
86) p-Isopropyltoluene	13.514	119	286115	20.30	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	148710	20.57	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	146254	20.58	ug/l		98
89) n-Butylbenzene	13.837	91	268929	20.10	ug/l		99
90) Hexachloroethane	14.108	117	55816	22.02	ug/l		99
91) 1,2-Dichlorobenzene	13.884	146	127669	20.79	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8149	20.86	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	78902	19.77	ug/l		100
94) Hexachlorobutadiene	15.261	225	45406	19.93	ug/l		99
95) Naphthalene	15.390	128	134273	19.22	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	67596	19.89	ug/l		94

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

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