Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
Data File : VD068982.D
Acq On : 26 Apr 2021 12:16
Operator : VA/SY
Sample : VD0426SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 07:11:47 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

Instrument :
MSVOA_D
ClientSampleId :
VD0426SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	265347	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	432203	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	410859	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	208562	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	126036	44.94	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.88%				
35) Dibromofluoromethane	7.914	113	143191	50.94	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.88%				
50) Toluene-d8	10.338	98	521273	49.15	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.30%				
62) 4-Bromofluorobenzene	12.632	95	173862	49.36	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	53969	20.53	ug/l		97
3) Chloromethane	2.215	50	58446	18.91	ug/l		100
4) Vinyl Chloride	2.350	62	76877	19.80	ug/l		97
5) Bromomethane	2.762	94	63493	21.87	ug/l		97
6) Chloroethane	2.920	64	52214	20.46	ug/l		94
7) Trichlorofluoromethane	3.273	101	103187	22.58	ug/l		96
8) Diethyl Ether	3.709	74	24542	19.89	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.097	101	61703	22.38	ug/l		96
10) Methyl Iodide	4.297	142	52324	17.73	ug/l		99
11) Tert butyl alcohol	5.226	59	16112	89.00	ug/l	#	93
12) 1,1-Dichloroethene	4.073	96	54528	20.53	ug/l		94
13) Acrolein	3.915	56	7365	66.73	ug/l		90
14) Allyl chloride	4.714	41	53825	17.98	ug/l		93
15) Acrylonitrile	5.420	53	47448	85.68	ug/l	#	92
16) Acetone	4.156	43	40991	105.55	ug/l		97
17) Carbon Disulfide	4.409	76	171737	19.98	ug/l		98
18) Methyl Acetate	4.720	43	19217	18.01	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	112783	19.14	ug/l		96
20) Methylene Chloride	4.967	84	78114	22.15	ug/l		94
21) trans-1,2-Dichloroethene	5.479	96	66135	19.39	ug/l		98
22) Diisopropyl ether	6.367	45	126354	17.42	ug/l		94
23) Vinyl Acetate	6.309	43	332876	86.60	ug/l		97
24) 1,1-Dichloroethane	6.267	63	103747	18.97	ug/l		94
25) 2-Butanone	7.214	43	52855	96.18	ug/l		98
26) 2,2-Dichloropropane	7.208	77	95613	21.41	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	73528	21.69	ug/l		96
28) Bromochloromethane	7.550	49	34404	17.43	ug/l		93
29) Tetrahydrofuran	7.561	42	30548	82.66	ug/l		90
30) Chloroform	7.714	83	120461	20.13	ug/l		96
31) Cyclohexane	7.985	56	83904	17.98	ug/l		94
32) 1,1,1-Trichloroethane	7.903	97	106535	20.37	ug/l		99
36) 1,1-Dichloropropene	8.114	75	90013	20.58	ug/l		97
37) Ethyl Acetate	7.291	43	26177	20.37	ug/l		98
38) Carbon Tetrachloride	8.097	117	96069	22.18	ug/l		95
39) Methylcyclohexane	9.355	83	99817	19.57	ug/l		97
40) Benzene	8.350	78	259952	20.31	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	13058	17.17	ug/l	#	77
42) 1,2-Dichloroethane	8.426	62	71170	21.03	ug/l		99
43) Isopropyl Acetate	8.450	43	46265	17.66	ug/l		93
44) Trichloroethene	9.114	130	74901	21.18	ug/l		89
45) 1,2-Dichloropropane	9.385	63	61291	20.04	ug/l		99
46) Dibromomethane	9.479	93	35950	21.11	ug/l		95
47) Bromodichloromethane	9.667	83	92295	20.74	ug/l		95
48) Methyl methacrylate	9.455	41	20369	15.78	ug/l	#	76
49) 1,4-Dioxane	9.461	88	6875	381.23	ug/l		93
51) 4-Methyl-2-Pentanone	10.232	43	125167	94.80	ug/l		97
52) Toluene	10.402	92	170701	21.06	ug/l		97
53) t-1,3-Dichloropropene	10.620	75	76747	19.46	ug/l		94
54) cis-1,3-Dichloropropene	10.091	75	97062	20.57	ug/l		95
55) 1,1,2-Trichloroethane	10.797	97	51311	21.30	ug/l		96
56) Ethyl methacrylate	10.661	69	47397	19.12	ug/l		94
57) 1,3-Dichloropropane	10.944	76	80877	20.39	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	101873	88.93	ug/l		96
59) 2-Hexanone	10.985	43	85274	96.52	ug/l		98
60) Dibromochloromethane	11.138	129	67537	22.36	ug/l		97
61) 1,2-Dibromoethane	11.244	107	48161	20.57	ug/l		97
64) Tetrachloroethene	10.873	164	62802	21.81	ug/l		94
65) Chlorobenzene	11.673	112	191701	21.55	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.744	131	71488	22.36	ug/l		99
67) Ethyl Benzene	11.744	91	319434	20.74	ug/l		98
68) m/p-Xylenes	11.855	106	249561	41.99	ug/l		99
69) o-Xylene	12.179	106	110448	20.44	ug/l		97
70) Styrene	12.191	104	198856	21.12	ug/l		100
71) Bromoform	12.355	173	37452	21.86	ug/l	#	99
73) Isopropylbenzene	12.479	105	305119	20.04	ug/l		99
74) N-amyl acetate	12.285	43	43080	16.68	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.732	83	53450	18.78	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	35927m	18.86	ug/l		
77) Bromobenzene	12.755	156	78294	21.39	ug/l		91
78) n-propylbenzene	12.820	91	363364	19.64	ug/l		98
79) 2-Chlorotoluene	12.908	91	202442	19.59	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	261259	20.52	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	15796	19.24	ug/l		96
82) 4-Chlorotoluene	13.002	91	224820	20.53	ug/l		98
83) tert-Butylbenzene	13.220	119	209872	19.43	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	263804	20.52	ug/l		99
85) sec-Butylbenzene	13.396	105	300888	19.74	ug/l		99
86) p-Isopropyltoluene	13.514	119	282092	20.26	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	153658	21.19	ug/l		100
88) 1,4-Dichlorobenzene	13.591	146	147838	20.60	ug/l		98
89) n-Butylbenzene	13.843	91	264229	20.15	ug/l		98
90) Hexachloroethane	14.108	117	57302	20.66	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	129001	20.55	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8071	18.65	ug/l		96
93) 1,2,4-Trichlorobenzene	15.161	180	81887	21.08	ug/l		97
94) Hexachlorobutadiene	15.261	225	48370	21.75	ug/l		99
95) Naphthalene	15.396	128	128595	19.01	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	71093	20.93	ug/l		97

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

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