Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
Data File : VD068808.D
Acq On : 09 Apr 2021 13:23
Operator : VA/SY
Sample : VD0409SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 00:41:16 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 :
VD0409SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	328378	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	548703	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	504138	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	245912	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	166007	47.83	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.66%				
35) Dibromofluoromethane	7.914	113	183868	51.52	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.04%				
50) Toluene-d8	10.338	98	695756	51.68	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.36%				
62) 4-Bromofluorobenzene	12.632	95	228735	51.15	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	60489	18.59	ug/l		93
3) Chloromethane	2.209	50	68411	17.88	ug/l		100
4) Vinyl Chloride	2.350	62	87019	18.11	ug/l		98
5) Bromomethane	2.756	94	68819	19.16	ug/l		94
6) Chloroethane	2.915	64	53799	17.04	ug/l		97
7) Trichlorofluoromethane	3.273	101	109603	19.38	ug/l		90
8) Diethyl Ether	3.715	74	29195	19.12	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.091	101	64289	18.84	ug/l		96
10) Methyl Iodide	4.303	142	63409	17.41	ug/l		98
11) Tert butyl alcohol	5.226	59	21506	98.66	ug/l	#	85
12) 1,1-Dichloroethene	4.073	96	59888	18.22	ug/l		99
13) Acrolein	3.926	56	11109	81.33	ug/l		90
14) Allyl chloride	4.726	41	60343	16.29	ug/l		91
15) Acrylonitrile	5.426	53	62762	91.58	ug/l		97
16) Acetone	4.162	43	44984	93.60	ug/l		97
17) Carbon Disulfide	4.415	76	193584	18.20	ug/l		100
18) Methyl Acetate	4.720	43	20647	15.64	ug/l		99
19) Methyl tert-butyl Ether	5.479	73	141079	19.34	ug/l		93
20) Methylene Chloride	4.967	84	95737	21.89	ug/l		98
21) trans-1,2-Dichloroethene	5.479	96	83205	19.71	ug/l		98
22) Diisopropyl ether	6.361	45	164763	18.36	ug/l		93
23) Vinyl Acetate	6.309	43	423966	89.13	ug/l		98
24) 1,1-Dichloroethane	6.267	63	127458	18.83	ug/l		97
25) 2-Butanone	7.214	43	57714	84.87	ug/l		90
26) 2,2-Dichloropropane	7.208	77	105327	19.05	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	82063	19.56	ug/l		97
28) Bromochloromethane	7.550	49	41204	16.87	ug/l		92
29) Tetrahydrofuran	7.561	42	40548	88.66	ug/l		93
30) Chloroform	7.714	83	141748	19.14	ug/l		100
31) Cyclohexane	7.985	56	109319	18.93	ug/l		96
32) 1,1,1-Trichloroethane	7.908	97	129714	20.04	ug/l		98
36) 1,1-Dichloropropene	8.114	75	110260	19.85	ug/l		98
37) Ethyl Acetate	7.297	43	25619	15.70	ug/l	#	93
38) Carbon Tetrachloride	8.103	117	116032	21.10	ug/l		97
39) Methylcyclohexane	9.355	83	132328	20.43	ug/l		98
40) Benzene	8.350	78	316633	19.48	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	17115	17.72	ug/l	#	62
42) 1,2-Dichloroethane	8.432	62	85754	19.96	ug/l		99
43) Isopropyl Acetate	8.455	43	60340	18.14	ug/l		97
44) Trichloroethene	9.114	130	92385	20.58	ug/l		96
45) 1,2-Dichloropropane	9.391	63	73493	18.93	ug/l		96
46) Dibromomethane	9.479	93	42213	19.52	ug/l		90
47) Bromodichloromethane	9.661	83	111633	19.76	ug/l		95
48) Methyl methacrylate	9.455	41	27477	16.77	ug/l		86
49) 1,4-Dioxane	9.461	88	8650	377.81	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	152808	91.16	ug/l		100
52) Toluene	10.402	92	208643	20.27	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	100324	20.04	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	118766	19.83	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	59858	19.58	ug/l		97
56) Ethyl methacrylate	10.661	69	61123	19.42	ug/l		98
57) 1,3-Dichloropropane	10.944	76	97451	19.36	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	128792	88.63	ug/l		97
59) 2-Hexanone	10.985	43	103038	91.87	ug/l		95
60) Dibromochloromethane	11.138	129	76801	20.03	ug/l		99
61) 1,2-Dibromoethane	11.244	107	60242	20.27	ug/l		98
64) Tetrachloroethene	10.873	164	75607	21.40	ug/l		92
65) Chlorobenzene	11.667	112	229195	21.00	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	81752	20.84	ug/l		97
67) Ethyl Benzene	11.744	91	390875	20.68	ug/l		100
68) m/p-Xylenes	11.849	106	306607	42.05	ug/l		100
69) o-Xylene	12.179	106	136394	20.57	ug/l		99
70) Styrene	12.191	104	240031	20.77	ug/l		98
71) Bromoform	12.355	173	42833	20.38	ug/l	#	96
73) Isopropylbenzene	12.479	105	375801	20.93	ug/l		100
74) N-amyl acetate	12.285	43	56315	18.49	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	64837	19.32	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	50394m	22.43	ug/l		
77) Bromobenzene	12.755	156	89617	20.76	ug/l		96
78) n-propylbenzene	12.820	91	454914	20.86	ug/l		99
79) 2-Chlorotoluene	12.902	91	249924	20.51	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	319292	21.27	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	17717	18.30	ug/l		94
82) 4-Chlorotoluene	13.002	91	265127	20.53	ug/l		97
83) tert-Butylbenzene	13.220	119	263148	20.66	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	315399	20.80	ug/l		99
85) sec-Butylbenzene	13.396	105	374814	20.85	ug/l		98
86) p-Isopropyltoluene	13.514	119	342856	20.88	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	175485	20.52	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	173187	20.46	ug/l		98
89) n-Butylbenzene	13.838	91	317234	20.52	ug/l		99
90) Hexachloroethane	14.108	117	67478	20.64	ug/l		100
91) 1,2-Dichlorobenzene	13.885	146	151637	20.49	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10596	20.77	ug/l		85
93) 1,2,4-Trichlorobenzene	15.155	180	95671	20.89	ug/l		98
94) Hexachlorobutadiene	15.261	225	57689	22.00	ug/l		98
95) Naphthalene	15.390	128	154528	19.37	ug/l		100
96) 1,2,3-Trichlorobenzene	15.585	180	81787	20.42	ug/l		96

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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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