Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
Data File : VY004639.D
Acq On : 26 Apr 2021 18:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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4/27/2021 3:36:47 PM

Quant Time: Apr 27 09:35:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	128348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81762	57.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.68%			
35) Dibromofluoromethane	7.734	113	62146	52.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.76%			
50) Toluene-d8	10.185	98	262710	52.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.12%			
62) 4-Bromofluorobenzene	12.483	95	88414	51.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	58152	48.90	ug/l	98
3) Chloromethane	2.119	50	89688	52.16	ug/l	99
4) Vinyl Chloride	2.259	62	88424	48.69	ug/l	99
5) Bromomethane	2.656	94	50192	56.65	ug/l	97
6) Chloroethane	2.802	64	58498	53.73	ug/l	97
7) Trichlorofluoromethane	3.137	101	118639	52.24	ug/l	97
8) Diethyl Ether	3.540	74	41628	54.23	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	66431	52.73	ug/l	99
10) Methyl Iodide	4.107	142	72088	47.81	ug/l	98
11) Tert butyl alcohol	4.978	59	39850	283.55	ug/l	97
12) 1,1-Dichloroethene	3.887	96	63245	50.77	ug/l	94
13) Acrolein	3.741	56	35166	225.09	ug/l	95
14) Allyl chloride	4.497	41	125675	52.74	ug/l	99
15) Acrylonitrile	5.180	53	122410	297.22	ug/l	98
16) Acetone	3.960	43	96192	323.46	ug/l	100
17) Carbon Disulfide	4.204	76	188050	49.02	ug/l	100
18) Methyl Acetate	4.497	43	61406	61.82	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	212925	56.88	ug/l	99
20) Methylene Chloride	4.735	84	83369	60.53	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	74988	53.20	ug/l	95
22) Diisopropyl ether	6.137	45	285124	56.61	ug/l	99
23) Vinyl Acetate	6.076	43	979106	285.57	ug/l	100
24) 1,1-Dichloroethane	6.039	63	140944	54.78	ug/l	99
25) 2-Butanone	7.002	43	170539	313.95	ug/l	97
26) 2,2-Dichloropropane	6.996	77	120457	52.17	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	86647	54.94	ug/l	100
28) Bromochloromethane	7.350	49	67735	57.92	ug/l	99
29) Tetrahydrofuran	7.362	42	116080	299.10	ug/l	99
30) Chloroform	7.521	83	142307	56.28	ug/l	98
31) Cyclohexane	7.795	56	126842	48.52	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	125694	54.79	ug/l	100
36) 1,1-Dichloropropene	7.929	75	108032	50.85	ug/l	99
37) Ethyl Acetate	7.088	43	77991	57.01	ug/l	97
38) Carbon Tetrachloride	7.911	117	104182	56.73	ug/l	98
39) Methylcyclohexane	9.191	83	131263	50.19	ug/l	99
40) Benzene	8.173	78	317306	53.15	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	44139m	53.24	ug/l		
42) 1,2-Dichloroethane	8.246	62	104291	55.69	ug/l		99
43) Isopropyl Acetate	8.283	43	151857	58.55	ug/l		99
44) Trichloroethene	8.947	130	86073	52.87	ug/l		97
45) 1,2-Dichloropropane	9.222	63	84416	54.79	ug/l		99
46) Dibromomethane	9.313	93	47402	56.51	ug/l		99
47) Bromodichloromethane	9.502	83	114949	56.60	ug/l		100
48) Methyl methacrylate	9.301	41	69189	57.93	ug/l		98
49) 1,4-Dioxane	9.307	88	13087	1194.52	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	407580	305.95	ug/l		99
52) Toluene	10.252	92	199511	51.64	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	124602	55.63	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	135892	53.42	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	65304	56.50	ug/l		99
56) Ethyl methacrylate	10.514	69	95476	56.96	ug/l		96
57) 1,3-Dichloropropane	10.794	76	115546	56.02	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.788	63	239688	279.47	ug/l		98
59) 2-Hexanone	10.837	43	281186	314.86	ug/l		98
60) Dibromochloromethane	10.990	129	78453	57.11	ug/l		100
61) 1,2-Dibromoethane	11.093	107	62999	56.53	ug/l		99
64) Tetrachloroethene	10.727	164	91773	53.49	ug/l		99
65) Chlorobenzene	11.520	112	209056	51.98	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	77592	54.06	ug/l		99
67) Ethyl Benzene	11.599	91	388960	51.69	ug/l		98
68) m/p-Xylenes	11.709	106	287666	102.88	ug/l		99
69) o-Xylene	12.032	106	135360	51.66	ug/l		100
70) Styrene	12.050	104	232511	53.57	ug/l		99
71) Bromoform	12.215	173	47315	55.58	ug/l	#	99
73) Isopropylbenzene	12.331	105	369602	50.23	ug/l		100
74) N-amyl acetate	12.148	43	137560	55.53	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	75218	54.04	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	59008m	57.74	ug/l		
77) Bromobenzene	12.611	156	84409	51.18	ug/l		99
78) n-propylbenzene	12.672	91	441785	50.83	ug/l		99
79) 2-Chlorotoluene	12.757	91	243921	51.31	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	309155	51.70	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	29517	51.67	ug/l		97
82) 4-Chlorotoluene	12.855	91	256179	51.03	ug/l		100
83) tert-Butylbenzene	13.081	119	259413	50.68	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	310786	51.50	ug/l		99
85) sec-Butylbenzene	13.257	105	363799	50.95	ug/l		99
86) p-Isopropyltoluene	13.373	119	336289	51.78	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	157259	51.05	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	156341	50.42	ug/l		99
89) n-Butylbenzene	13.702	91	317622	51.23	ug/l		99
90) Hexachloroethane	13.965	117	51835	59.49	ug/l		98
91) 1,2-Dichlorobenzene	13.739	146	140672	51.45	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13625	54.55	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	88388	48.89	ug/l		100
94) Hexachlorobutadiene	15.117	225	47244	50.05	ug/l		100
95) Naphthalene	15.239	128	203569	51.80	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	80406	50.41	ug/l		100

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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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