Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060221\
Data File : VY004919.D
Acq On : 02 Jun 2021 12:02
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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6/3/2021 5:40:28 PM

Quant Time: Jun 03 04:19:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:17:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	271833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	456900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	417753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61963	21.353	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 42.700%#			
35) Dibromofluoromethane	7.728	113	50820	20.570	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 41.140%#			
50) Toluene-d8	10.185	98	215799	20.929	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 41.860%#			
62) 4-Bromofluorobenzene	12.483	95	74943	21.524	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 43.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	56000	22.406	ug/l	98
3) Chloromethane	2.119	50	72848	21.245	ug/l	99
4) Vinyl Chloride	2.260	62	68870	20.902	ug/l	99
5) Bromomethane	2.650	94	38485	20.656	ug/l	92
6) Chloroethane	2.796	64	41683	21.354	ug/l	95
7) Trichlorofluoromethane	3.131	101	97088	21.060	ug/l	97
8) Diethyl Ether	3.534	74	37377	20.654	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	59965	21.117	ug/l	99
10) Methyl Iodide	4.101	142	52963	19.526	ug/l	98
11) Tert butyl alcohol	4.979	59	34096	101.704	ug/l	99
12) 1,1-Dichloroethene	3.881	96	58291	20.610	ug/l	99
13) Acrolein	3.741	56	39850	115.798	ug/l	98
14) Allyl chloride	4.491	41	106055	20.499	ug/l	99
15) Acrylonitrile	5.180	53	89132	104.264	ug/l	97
16) Acetone	3.960	43	74061	103.859	ug/l	97
17) Carbon Disulfide	4.204	76	184482	21.204	ug/l	98
18) Methyl Acetate	4.491	43	45656	20.160	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	151096	20.675	ug/l	97
20) Methylene Chloride	4.723	84	79525	19.336	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	64877	20.560	ug/l	97
22) Diisopropyl ether	6.131	45	199550	20.904	ug/l	99
23) Vinyl Acetate	6.070	43	739039	106.882	ug/l	99
24) 1,1-Dichloroethane	6.027	63	118211	20.809	ug/l	99
25) 2-Butanone	7.003	43	125153	104.643	ug/l	100
26) 2,2-Dichloropropane	6.990	77	99837	20.685	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	73396	20.860	ug/l	98
28) Bromochloromethane	7.344	49	53784	21.317	ug/l	97
29) Tetrahydrofuran	7.362	42	81180	106.368	ug/l	97
30) Chloroform	7.515	83	112008	20.709	ug/l	97
31) Cyclohexane	7.795	56	103887	20.257	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	95121	19.992	ug/l	100
36) 1,1-Dichloropropene	7.923	75	90614	20.050	ug/l	100
37) Ethyl Acetate	7.088	43	62247	20.928	ug/l	99
38) Carbon Tetrachloride	7.905	117	77460	19.689	ug/l	98
39) Methylcyclohexane	9.191	83	101801	20.336	ug/l	98
40) Benzene	8.167	78	252539	19.632	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	34864m	21.205	ug/l		
42) 1,2-Dichloroethane	8.246	62	75325	19.959	ug/l		98
43) Isopropyl Acetate	8.283	43	109781	20.310	ug/l		99
44) Trichloroethene	8.947	130	69008	20.184	ug/l		97
45) 1,2-Dichloropropane	9.222	63	68928	20.436	ug/l		97
46) Dibromomethane	9.313	93	37057	20.421	ug/l		99
47) Bromodichloromethane	9.502	83	84081	19.866	ug/l		98
48) Methyl methacrylate	9.301	41	48577	19.971	ug/l		98
49) 1,4-Dioxane	9.307	88	9273	412.151	ug/l		99
51) 4-Methyl-2-Pentanone	10.075	43	288023	101.785	ug/l		99
52) Toluene	10.246	92	155926	19.897	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	93899	20.069	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	103985	19.508	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	51036	20.235	ug/l		96
56) Ethyl methacrylate	10.514	69	72356	20.057	ug/l		97
57) 1,3-Dichloropropane	10.795	76	92296	20.489	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	188661	104.018	ug/l		100
59) 2-Hexanone	10.837	43	194856	101.873	ug/l		100
60) Dibromochloromethane	10.990	129	57560	20.003	ug/l		98
61) 1,2-Dibromoethane	11.093	107	49035	20.150	ug/l		100
64) Tetrachloroethene	10.721	164	68826	19.534	ug/l		99
65) Chlorobenzene	11.520	112	165060	19.554	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	58327	19.469	ug/l		99
67) Ethyl Benzene	11.593	91	305480	19.621	ug/l		100
68) m/p-Xylenes	11.703	106	230113	39.722	ug/l		98
69) o-Xylene	12.032	106	110330	20.309	ug/l		98
70) Styrene	12.044	104	184726	20.432	ug/l		98
71) Bromoform	12.209	173	36077	20.443	ug/l	#	98
73) Isopropylbenzene	12.331	105	296315	20.408	ug/l		99
74) N-amyl acetate	12.148	43	94687	20.069	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	58887	20.261	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	40564m	20.597	ug/l		
77) Bromobenzene	12.611	156	63394	19.460	ug/l		99
78) n-propylbenzene	12.672	91	341887	19.647	ug/l		100
79) 2-Chlorotoluene	12.758	91	189369	19.574	ug/l		100
80) 1,3,5-Trimethylbenzene	12.813	105	235495	19.807	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	23475	20.661	ug/l		99
82) 4-Chlorotoluene	12.855	91	199476	20.073	ug/l		100
83) tert-Butylbenzene	13.075	119	202239	20.040	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	239888	20.216	ug/l		99
85) sec-Butylbenzene	13.258	105	296065	20.145	ug/l		100
86) p-Isopropyltoluene	13.373	119	252490	20.070	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	123313	20.066	ug/l		100
88) 1,4-Dichlorobenzene	13.447	146	120541	19.699	ug/l		100
89) n-Butylbenzene	13.697	91	238551	19.765	ug/l		99
90) Hexachloroethane	13.965	117	36696	19.592	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	107421	19.687	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9701	19.759	ug/l		97
93) 1,2,4-Trichlorobenzene	15.007	180	65999	19.200	ug/l		99
94) Hexachlorobutadiene	15.111	225	35503	19.497	ug/l		100
95) Naphthalene	15.239	128	145995	19.403	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	58629	19.413	ug/l		99

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

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