Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
Data File : VY005461.D
Acq On : 27 Jul 2021 13:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
7/28/2021 8:57:05 PM

Quant Time: Jul 28 02:31:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	312431	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	401099	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	365599	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	190163	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.148	65	166016	49.738	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.480%				
35) Dibromofluoromethane	7.728	113	139181	60.096	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.200%				
50) Toluene-d8	10.185	98	518460	52.818	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.640%				
62) 4-Bromofluorobenzene	12.483	95	169189	52.223	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.440%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	123076	43.515	ug/l		100
3) Chloromethane	2.119	50	159727	46.068	ug/l		97
4) Vinyl Chloride	2.259	62	190013	46.023	ug/l		99
5) Bromomethane	2.656	94	128983	42.749	ug/l		99
6) Chloroethane	2.802	64	123412	47.582	ug/l		99
7) Trichlorofluoromethane	3.131	101	262019	48.531	ug/l		99
8) Diethyl Ether	3.540	74	90809	47.778	ug/l		98
9) 1,1,2-Trichlorotrifluo...	3.905	101	147566	50.290	ug/l		98
10) Methyl Iodide	4.100	142	176027	52.858	ug/l		96
11) Tert butyl alcohol	4.972	59	70170	222.542	ug/l	#	86
12) 1,1-Dichloroethene	3.881	96	148614	49.753	ug/l		95
13) Acrolein	3.741	56	67980	235.439	ug/l		97
14) Allyl chloride	4.491	41	266925	49.934	ug/l		98
15) Acrylonitrile	5.173	53	224751	238.118	ug/l		100
16) Acetone	3.960	43	209952	275.434	ug/l		99
17) Carbon Disulfide	4.204	76	476662	48.258	ug/l		99
18) Methyl Acetate	4.484	43	97111	45.324	ug/l		98
19) Methyl tert-butyl Ether	5.234	73	438419	48.643	ug/l		100
20) Methylene Chloride	4.728	84	171593	41.126	ug/l		97
21) trans-1,2-Dichloroethene	5.228	96	167833	50.012	ug/l		100
22) Diisopropyl ether	6.131	45	541631	52.204	ug/l		95
23) Vinyl Acetate	6.070	43	1754984	257.164	ug/l		99
24) 1,1-Dichloroethane	6.027	63	303394	53.051	ug/l		99
25) 2-Butanone	6.996	43	294703	258.170	ug/l		99
26) 2,2-Dichloropropane	6.990	77	275226	52.924	ug/l		100
27) cis-1,2-Dichloroethene	6.996	96	185900	51.786	ug/l		99
28) Bromochloromethane	7.344	49	111811	48.567	ug/l		98
29) Tetrahydrofuran	7.356	42	191905	253.865	ug/l		99
30) Chloroform	7.514	83	299675	52.968	ug/l		96
31) Cyclohexane	7.789	56	298284	52.337	ug/l		97
32) 1,1,1-Trichloroethane	7.710	97	275202	52.538	ug/l		100
36) 1,1-Dichloropropene	7.923	75	240676	62.058	ug/l		100
37) Ethyl Acetate	7.082	43	128443	54.406	ug/l		97
38) Carbon Tetrachloride	7.905	117	251725	59.397	ug/l		99
39) Methylcyclohexane	9.185	83	266317	53.552	ug/l		99
40) Benzene	8.167	78	677716	60.808	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	60827m	49.167	ug/l		
42) 1,2-Dichloroethane	8.240	62	210821	58.475	ug/l		99
43) Isopropyl Acetate	8.283	43	250379	58.565	ug/l		100
44) Trichloroethene	8.947	130	160624	53.141	ug/l		100
45) 1,2-Dichloropropane	9.221	63	145277	52.939	ug/l		100
46) Dibromomethane	9.313	93	77894	51.571	ug/l		97
47) Bromodichloromethane	9.502	83	200549	52.823	ug/l		99
48) Methyl methacrylate	9.301	41	100136	50.366	ug/l		99
49) 1,4-Dioxane	9.307	88	22148	1039.521	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.075	43	571554	251.827	ug/l		100
52) Toluene	10.246	92	374775	52.954	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	222466	52.380	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	245858	52.661	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	113219	52.230	ug/l		99
56) Ethyl methacrylate	10.514	69	168227	51.396	ug/l		100
57) 1,3-Dichloropropane	10.794	76	198470	51.478	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	415397	265.365	ug/l		100
59) 2-Hexanone	10.837	43	409771	257.594	ug/l		99
60) Dibromochloromethane	10.989	129	138703	52.391	ug/l		99
61) 1,2-Dibromoethane	11.093	107	105259	51.299	ug/l		100
64) Tetrachloroethene	10.721	164	147965	53.573	ug/l		98
65) Chlorobenzene	11.520	112	398446	53.211	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	147170	52.623	ug/l		98
67) Ethyl Benzene	11.593	91	736879	54.056	ug/l		98
68) m/p-Xylenes	11.709	106	571787	108.023	ug/l		100
69) o-Xylene	12.032	106	271952	54.005	ug/l		100
70) Styrene	12.050	104	463593	54.217	ug/l		99
71) Bromoform	12.215	173	92704	51.865	ug/l	#	99
73) Isopropylbenzene	12.331	105	723009	55.134	ug/l		100
74) N-amyl acetate	12.148	43	209665	52.514	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.587	83	129224	51.612	ug/l		99
76) 1,2,3-Trichloropropane	12.635	75	97026m	51.853	ug/l		
77) Bromobenzene	12.611	156	171895	53.528	ug/l		99
78) n-propylbenzene	12.672	91	868874	54.917	ug/l		100
79) 2-Chlorotoluene	12.757	91	483124	54.364	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	600396	54.815	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	48960	50.806	ug/l		97
82) 4-Chlorotoluene	12.855	91	497919	54.133	ug/l		100
83) tert-Butylbenzene	13.081	119	538716	55.217	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	596727	54.316	ug/l		100
85) sec-Butylbenzene	13.257	105	783998	55.712	ug/l		100
86) p-Isopropyltoluene	13.373	119	676594	55.841	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	338049	53.674	ug/l		100
88) 1,4-Dichlorobenzene	13.452	146	333851	53.497	ug/l		100
89) n-Butylbenzene	13.702	91	621007	55.838	ug/l		99
90) Hexachloroethane	13.964	117	119950	55.074	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	298367	53.051	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23675	48.762	ug/l		98
93) 1,2,4-Trichlorobenzene	15.013	180	209335	53.945	ug/l		100
94) Hexachlorobutadiene	15.117	225	136864	55.650	ug/l		99
95) Naphthalene	15.239	128	402728	51.592	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	184152	52.649	ug/l		99

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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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