Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
Data File : VY004251.D
Acq On : 02 Apr 2021 10:00
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
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4/5/2021 4:47:09 PM

Quant Time: Apr 02 22:56:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	215200	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	342894	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	298540	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139204	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	87311	42.20	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 84.40%				
35) Dibromofluoromethane	7.728	113	78921	41.31	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 82.62%				
50) Toluene-d8	10.185	98	306389	42.64	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.28%				
62) 4-Bromofluorobenzene	12.489	95	102787	41.74	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	95275	51.12	ug/l		97
3) Chloromethane	2.125	50	137594	54.70	ug/l		98
4) Vinyl Chloride	2.259	62	165924	59.18	ug/l		97
5) Bromomethane	2.662	94	68915	44.68	ug/l		98
6) Chloroethane	2.802	64	90732	49.92	ug/l		98
7) Trichlorofluoromethane	3.137	101	187246	51.39	ug/l		98
8) Diethyl Ether	3.540	74	62309	53.29	ug/l		94
9) 1,1,2-Trichlorotrifluo...	3.912	101	107736	54.31	ug/l		97
10) Methyl Iodide	4.107	142	114773	50.06	ug/l		99
11) Tert butyl alcohol	4.972	59	48131	285.91	ug/l	#	83
12) 1,1-Dichloroethene	3.887	96	104392	53.63	ug/l		96
13) Acrolein	3.747	56	33939	250.55	ug/l		98
14) Allyl chloride	4.497	41	198500	64.00	ug/l		93
15) Acrylonitrile	5.180	53	160540	288.48	ug/l		98
16) Acetone	3.960	43	87097	202.08	ug/l		99
17) Carbon Disulfide	4.204	76	303714	59.34	ug/l		98
18) Methyl Acetate	4.491	43	79784	57.84	ug/l		95
19) Methyl tert-butyl Ether	5.234	73	305778	53.18	ug/l		96
20) Methylene Chloride	4.735	84	116507	55.43	ug/l		95
21) trans-1,2-Dichloroethene	5.241	96	120218	55.01	ug/l		98
22) Diisopropyl ether	6.131	45	424728	62.35	ug/l		97
23) Vinyl Acetate	6.076	43	1357120	296.19	ug/l		98
24) 1,1-Dichloroethane	6.033	63	216480	58.33	ug/l		100
25) 2-Butanone	6.996	43	181786	252.48	ug/l		98
26) 2,2-Dichloropropane	6.996	77	197524	56.87	ug/l		100
27) cis-1,2-Dichloroethene	7.002	96	135169	54.63	ug/l		95
28) Bromochloromethane	7.344	49	84034	55.70	ug/l		89
29) Tetrahydrofuran	7.356	42	147334	290.44	ug/l		93
30) Chloroform	7.515	83	212816	53.89	ug/l		99
31) Cyclohexane	7.795	56	214735	58.73	ug/l		95
32) 1,1,1-Trichloroethane	7.710	97	192130	53.18	ug/l		99
36) 1,1-Dichloropropene	7.923	75	173091	55.30	ug/l		98
37) Ethyl Acetate	7.082	43	97778	53.25	ug/l		99
38) Carbon Tetrachloride	7.911	117	157112	57.72	ug/l		99
39) Methylcyclohexane	9.191	83	219695	56.69	ug/l		98
40) Benzene	8.167	78	491787	55.43	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	53229m	52.32	ug/l		
42) 1,2-Dichloroethane	8.246	62	144581	51.85	ug/l		100
43) Isopropyl Acetate	8.283	43	196861	56.62	ug/l		98
44) Trichloroethene	8.947	130	137663	48.73	ug/l		95
45) 1,2-Dichloropropane	9.222	63	126611	57.74	ug/l		97
46) Dibromomethane	9.313	93	66124	51.28	ug/l		97
47) Bromodichloromethane	9.502	83	165626	53.84	ug/l		100
48) Methyl methacrylate	9.301	41	91416	57.89	ug/l		95
49) 1,4-Dioxane	9.307	88	16648	1196.55	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	498717	281.54	ug/l		97
52) Toluene	10.252	92	311378	54.58	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	180154	54.92	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	206682	56.39	ug/l		99
55) 1,1,2-Trichloroethane	10.654	97	91836	51.99	ug/l		98
56) Ethyl methacrylate	10.514	69	132628	54.72	ug/l		95
57) 1,3-Dichloropropane	10.794	76	164710	54.04	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	234902	226.54	ug/l		95
59) 2-Hexanone	10.837	43	318822	261.80	ug/l		98
60) Dibromochloromethane	10.990	129	110138	52.01	ug/l		100
61) 1,2-Dibromoethane	11.093	107	88907	51.00	ug/l		99
64) Tetrachloroethene	10.721	164	132824	45.22	ug/l		97
65) Chlorobenzene	11.520	112	318722	53.53	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.599	131	114905	53.88	ug/l		100
67) Ethyl Benzene	11.599	91	600516	55.54	ug/l		99
68) m/p-Xylenes	11.709	106	454975	109.59	ug/l		100
69) o-Xylene	12.032	106	209985	54.06	ug/l		98
70) Styrene	12.050	104	353497	54.70	ug/l		99
71) Bromoform	12.215	173	63432	52.23	ug/l	#	97
73) Isopropylbenzene	12.337	105	576489	56.69	ug/l		99
74) N-amyl acetate	12.148	43	178585	60.08	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	101729	54.04	ug/l		99
76) 1,2,3-Trichloropropane	12.642	75	61740m	48.84	ug/l		
77) Bromobenzene	12.611	156	125679	52.78	ug/l		94
78) n-propylbenzene	12.678	91	681413	57.91	ug/l		98
79) 2-Chlorotoluene	12.764	91	366804	56.74	ug/l		98
80) 1,3,5-Trimethylbenzene	12.818	105	465515	56.11	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	40277	58.73	ug/l	#	89
82) 4-Chlorotoluene	12.861	91	385585	56.67	ug/l		98
83) tert-Butylbenzene	13.081	119	402769	56.18	ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	465948	55.99	ug/l		100
85) sec-Butylbenzene	13.257	105	567156	57.47	ug/l		98
86) p-Isopropyltoluene	13.373	119	511210	55.68	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	237131	53.38	ug/l		100
88) 1,4-Dichlorobenzene	13.453	146	235305	53.62	ug/l		99
89) n-Butylbenzene	13.702	91	488023	57.81	ug/l		99
90) Hexachloroethane	13.965	117	66388	76.88	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	208485	52.28	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16565	47.16	ug/l		95
93) 1,2,4-Trichlorobenzene	15.013	180	143429	50.61	ug/l		100
94) Hexachlorobutadiene	15.117	225	77339	51.32	ug/l		99
95) Naphthalene	15.239	128	293533	48.83	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	123539	47.71	ug/l		99

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

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