Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
Data File : VY004194.D
Acq On : 25 Mar 2021 10:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 01:10:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	202265	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	312054	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	278275	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141313	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	95791	47.99	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.98%				
35) Dibromofluoromethane	7.722	113	90207	51.26	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.52%				
50) Toluene-d8	10.185	98	340293	49.33	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.66%				
62) 4-Bromofluorobenzene	12.483	95	122996	48.27	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	66329	47.26	ug/l		97
3) Chloromethane	2.119	50	91663	46.99	ug/l		95
4) Vinyl Chloride	2.260	62	107852	44.12	ug/l		96
5) Bromomethane	2.656	94	72684	46.54	ug/l		98
6) Chloroethane	2.802	64	70821	47.57	ug/l		100
7) Trichlorofluoromethane	3.131	101	161907	49.84	ug/l		100
8) Diethyl Ether	3.534	74	51797	49.74	ug/l		86
9) 1,1,2-Trichlorotrifluo...	3.906	101	90636	49.88	ug/l		99
10) Methyl Iodide	4.101	142	97897	52.72	ug/l		99
11) Tert butyl alcohol	4.960	59	45474	251.98	ug/l		97
12) 1,1-Dichloroethene	3.881	96	85989	48.35	ug/l		97
13) Acrolein	3.735	56	33818	188.91	ug/l		97
14) Allyl chloride	4.485	41	133922	45.53	ug/l	#	88
15) Acrylonitrile	5.174	53	124070	239.73	ug/l		99
16) Acetone	3.954	43	133077	276.21	ug/l		89
17) Carbon Disulfide	4.204	76	222695	42.59	ug/l		98
18) Methyl Acetate	4.485	43	59709	50.16	ug/l		93
19) Methyl tert-butyl Ether	5.229	73	255715	50.50	ug/l		99
20) Methylene Chloride	4.729	84	97939	50.60	ug/l		95
21) trans-1,2-Dichloroethene	5.229	96	97394	48.74	ug/l		94
22) Diisopropyl ether	6.131	45	299093	48.18	ug/l		98
23) Vinyl Acetate	6.070	43	964515	235.99	ug/l		96
24) 1,1-Dichloroethane	6.027	63	170508	49.46	ug/l		99
25) 2-Butanone	6.997	43	173003	249.09	ug/l		91
26) 2,2-Dichloropropane	6.997	77	167917	51.00	ug/l		99
27) cis-1,2-Dichloroethene	6.997	96	114333	50.26	ug/l		93
28) Bromochloromethane	7.344	49	69208	45.97	ug/l		88
29) Tetrahydrofuran	7.356	42	104502	231.61	ug/l		92
30) Chloroform	7.515	83	183289	51.31	ug/l		97
31) Cyclohexane	7.789	56	150156	42.88	ug/l		92
32) 1,1,1-Trichloroethane	7.710	97	170620	51.49	ug/l		99
36) 1,1-Dichloropropene	7.923	75	139564	50.91	ug/l		98
37) Ethyl Acetate	7.082	43	72126	48.84	ug/l		98
38) Carbon Tetrachloride	7.905	117	155900	53.60	ug/l		98
39) Methylcyclohexane	9.185	83	172053	48.59	ug/l		93
40) Benzene	8.167	78	395241	51.18	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	43765m	47.83	ug/l		
42) 1,2-Dichloroethane	8.240	62	123581	52.35	ug/l		97
43) Isopropyl Acetate	8.277	43	142686	48.15	ug/l		97
44) Trichloroethene	8.941	130	121498	54.32	ug/l		98
45) 1,2-Dichloropropane	9.222	63	97795	50.72	ug/l		99
46) Dibromomethane	9.313	93	58088	52.69	ug/l		96
47) Bromodichloromethane	9.502	83	144495	52.51	ug/l		98
48) Methyl methacrylate	9.295	41	67211	47.74	ug/l		89
49) 1,4-Dioxane	9.301	88	14780	1053.23	ug/l		91
51) 4-Methyl-2-Pentanone	10.075	43	373575	248.93	ug/l		97
52) Toluene	10.246	92	260520	52.09	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	150500	51.84	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	167551	51.50	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	81936	52.85	ug/l		99
56) Ethyl methacrylate	10.514	69	109496	50.53	ug/l		93
57) 1,3-Dichloropropane	10.795	76	140348	52.87	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	211683	249.59	ug/l		95
59) 2-Hexanone	10.837	43	266011	252.29	ug/l		98
60) Dibromochloromethane	10.990	129	106936	54.94	ug/l		99
61) 1,2-Dibromoethane	11.093	107	81058	53.70	ug/l		98
64) Tetrachloroethene	10.721	164	135946	58.36	ug/l		95
65) Chlorobenzene	11.520	112	287617	53.94	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	109145	54.71	ug/l		99
67) Ethyl Benzene	11.593	91	517355	52.84	ug/l		99
68) m/p-Xylenes	11.703	106	398065	106.61	ug/l		93
69) o-Xylene	12.032	106	186804	52.92	ug/l		95
70) Styrene	12.044	104	319546	52.87	ug/l		97
71) Bromoform	12.209	173	65505	54.88	ug/l	#	100
73) Isopropylbenzene	12.331	105	514925	52.43	ug/l		99
74) N-amyl acetate	12.148	43	133243	47.37	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	84212	49.36	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	64158m	47.35	ug/l		
77) Bromobenzene	12.611	156	122390	53.94	ug/l		97
78) n-propylbenzene	12.672	91	599321	51.80	ug/l		97
79) 2-Chlorotoluene	12.758	91	331756	51.07	ug/l		96
80) 1,3,5-Trimethylbenzene	12.813	105	433166	52.00	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	33401	48.65	ug/l		94
82) 4-Chlorotoluene	12.855	91	346065	50.33	ug/l		96
83) tert-Butylbenzene	13.075	119	384155	53.60	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	435710	52.23	ug/l		97
85) sec-Butylbenzene	13.258	105	521301	52.75	ug/l		99
86) p-Isopropyltoluene	13.373	119	488254	53.29	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	235681	53.81	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	233379	53.38	ug/l		99
89) n-Butylbenzene	13.697	91	450899	51.71	ug/l		99
90) Hexachloroethane	13.965	117	87998	53.45	ug/l		84
91) 1,2-Dichlorobenzene	13.739	146	211725	54.50	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15877	49.25	ug/l		91
93) 1,2,4-Trichlorobenzene	15.007	180	146224	55.50	ug/l		98
94) Hexachlorobutadiene	15.111	225	80855	54.74	ug/l		99
95) Naphthalene	15.239	128	279866	53.61	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	122721	55.40	ug/l		98

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

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