Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031621\
Data File : VY004087.D
Acq On : 16 Mar 2021 10:41
Operator : SY/MD
Sample : VY0316SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Manual Integrations APPROVED
MMDadoda
3/17/2021 11:46:11 AM

Quant Time: Mar 17 01:38:43 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	234214	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	363513	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	325809	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165157	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	103934	44.97	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.94%				
35) Dibromofluoromethane	7.728	113	102202	49.86	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.72%				
50) Toluene-d8	10.185	98	384350	47.83	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.66%				
62) 4-Bromofluorobenzene	12.483	95	139672	47.06	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	42934	23.89	ug/l		94
3) Chloromethane	2.119	50	50313	19.96	ug/l		99
4) Vinyl Chloride	2.260	62	58497	20.67	ug/l		97
5) Bromomethane	2.656	94	39869	22.05	ug/l		96
6) Chloroethane	2.802	64	35695	20.71	ug/l		93
7) Trichlorofluoromethane	3.137	101	78621	20.90	ug/l		99
8) Diethyl Ether	3.540	74	24445	20.27	ug/l		83
9) 1,1,2-Trichlorotrifluo...	3.912	101	44081	20.95	ug/l		98
10) Methyl Iodide	4.107	142	44289	20.60	ug/l		100
11) Tert butyl alcohol	4.979	59	17894	85.63	ug/l		96
12) 1,1-Dichloroethene	3.887	96	42047	20.42	ug/l		93
13) Acrolein	3.747	56	15493	74.74	ug/l		100
14) Allyl chloride	4.491	41	63041	18.51	ug/l	#	90
15) Acrylonitrile	5.180	53	54254	90.53	ug/l		98
16) Acetone	3.960	43	48207	86.41	ug/l	#	87
17) Carbon Disulfide	4.204	76	122397	20.21	ug/l		97
18) Methyl Acetate	4.491	43	22775	16.52	ug/l	#	89
19) Methyl tert-butyl Ether	5.235	73	113810	19.41	ug/l		96
20) Methylene Chloride	4.735	84	47884	18.14	ug/l		90
21) trans-1,2-Dichloroethene	5.241	96	47850	20.68	ug/l		89
22) Diisopropyl ether	6.131	45	132010	18.36	ug/l		93
23) Vinyl Acetate	6.076	43	425063	89.82	ug/l		96
24) 1,1-Dichloroethane	6.033	63	78422	19.65	ug/l		98
25) 2-Butanone	6.996	43	68751	85.48	ug/l		94
26) 2,2-Dichloropropane	6.990	77	74869	19.64	ug/l		98
27) cis-1,2-Dichloroethene	6.996	96	53652	20.37	ug/l		91
28) Bromochloromethane	7.344	49	33987	19.50	ug/l		88
29) Tetrahydrofuran	7.356	42	44492	85.16	ug/l		91
30) Chloroform	7.521	83	82920	20.05	ug/l		95
31) Cyclohexane	7.795	56	76739	18.93	ug/l	#	81
32) 1,1,1-Trichloroethane	7.710	97	76810	20.02	ug/l		99
36) 1,1-Dichloropropene	7.929	75	65282	20.44	ug/l		98
37) Ethyl Acetate	7.082	43	31423	18.26	ug/l		98
38) Carbon Tetrachloride	7.911	117	71288	21.04	ug/l		97
39) Methylcyclohexane	9.191	83	82943	20.11	ug/l		91
40) Benzene	8.173	78	185687	20.64	ug/l		98

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41) Methacrylonitrile	7.338	41	19336m	18.14	ug/l		
42) 1,2-Dichloroethane	8.246	62	55592	20.22	ug/l		95
43) Isopropyl Acetate	8.283	43	61580	17.84	ug/l		96
44) Trichloroethene	8.947	130	57553	22.09	ug/l		100
45) 1,2-Dichloropropane	9.222	63	44311	19.73	ug/l		95
46) Dibromomethane	9.313	93	26356	20.52	ug/l		97
47) Bromodichloromethane	9.502	83	64901	20.24	ug/l		98
48) Methyl methacrylate	9.301	41	27888	17.00	ug/l	#	86
49) 1,4-Dioxane	9.301	88	5866	358.84	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	151498	86.66	ug/l		96
52) Toluene	10.246	92	120940	20.76	ug/l		95
53) t-1,3-Dichloropropene	10.471	75	65745	19.44	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	76508	20.19	ug/l		98
55) 1,1,2-Trichloroethane	10.654	97	36045	19.96	ug/l		98
56) Ethyl methacrylate	10.514	69	46602	18.46	ug/l		92
57) 1,3-Dichloropropane	10.795	76	61133	19.77	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	112449	103.03	ug/l		93
59) 2-Hexanone	10.837	43	106039	86.33	ug/l		98
60) Dibromochloromethane	10.990	129	47124	20.78	ug/l		99
61) 1,2-Dibromoethane	11.093	107	35618	20.25	ug/l		98
64) Tetrachloroethene	10.728	164	64459	23.63	ug/l		96
65) Chlorobenzene	11.520	112	131749	21.10	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	49533	21.21	ug/l		99
67) Ethyl Benzene	11.599	91	234811	20.48	ug/l		97
68) m/p-Xylenes	11.709	106	179533	41.07	ug/l		96
69) o-Xylene	12.032	106	85824	20.77	ug/l		94
70) Styrene	12.050	104	144355	20.40	ug/l		97
71) Bromoform	12.215	173	28456	20.36	ug/l	#	98
73) Isopropylbenzene	12.331	105	232875	20.29	ug/l		99
74) N-amyl acetate	12.148	43	56214	17.10	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	33980	17.04	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	29170m	18.42	ug/l		
77) Bromobenzene	12.611	156	56620	21.35	ug/l		93
78) n-propylbenzene	12.672	91	270977	20.04	ug/l		96
79) 2-Chlorotoluene	12.758	91	151381	19.94	ug/l		96
80) 1,3,5-Trimethylbenzene	12.819	105	196430	20.18	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.386	75	14498	18.07	ug/l		99
82) 4-Chlorotoluene	12.855	91	158143	19.68	ug/l		95
83) tert-Butylbenzene	13.081	119	171288	20.45	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	197764	20.28	ug/l		98
85) sec-Butylbenzene	13.258	105	236723	20.50	ug/l		98
86) p-Isopropyltoluene	13.373	119	220930	20.63	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	106935	20.89	ug/l		98
88) 1,4-Dichlorobenzene	13.453	146	108117	21.16	ug/l		98
89) n-Butylbenzene	13.697	91	205679	20.18	ug/l		98
90) Hexachloroethane	13.965	117	38673	20.10	ug/l		86
91) 1,2-Dichlorobenzene	13.745	146	95328	21.00	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6813	18.08	ug/l		90
93) 1,2,4-Trichlorobenzene	15.007	180	66519	21.60	ug/l		96
94) Hexachlorobutadiene	15.117	225	37097	21.49	ug/l		98
95) Naphthalene	15.239	128	121591	19.93	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	53870	20.81	ug/l		96

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

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