Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
Data File : VY004292.D
Acq On : 06 Apr 2021 10:52
Operator : SY/MD
Sample : VY0406SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBSD01

Manual Integrations APPROVED
MMDadoda
4/7/2021 5:16:38 PM

Quant Time: Apr 07 00:57:05 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	193110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	89257	48.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.16%			
35) Dibromofluoromethane	7.728	113	75577	43.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.76%			
50) Toluene-d8	10.185	98	297400	45.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.82%			
62) 4-Bromofluorobenzene	12.483	95	101724	45.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	28543	17.07	ug/l	94
3) Chloromethane	2.119	50	42332	18.75	ug/l	97
4) Vinyl Chloride	2.260	62	47145	18.74	ug/l	99
5) Bromomethane	2.650	94	22423	16.20	ug/l	95
6) Chloroethane	2.796	64	29463	18.06	ug/l	99
7) Trichlorofluoromethane	3.131	101	60240	18.42	ug/l	97
8) Diethyl Ether	3.534	74	21241	20.24	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	35435	19.91	ug/l	97
10) Methyl Iodide	4.101	142	37687	18.32	ug/l	99
11) Tert butyl alcohol	4.979	59	21358	141.39	ug/l	97
12) 1,1-Dichloroethene	3.881	96	34220	19.59	ug/l	98
13) Acrolein	3.741	56	16760	126.18	ug/l	100
14) Allyl chloride	4.491	41	63632	22.86	ug/l	94
15) Acrylonitrile	5.180	53	59780	119.71	ug/l	99
16) Acetone	3.960	43	43127	111.51	ug/l	100
17) Carbon Disulfide	4.210	76	88760	19.33	ug/l	99
18) Methyl Acetate	4.491	43	29462	23.80	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	107754	20.88	ug/l	98
20) Methylene Chloride	4.729	84	42107	20.74	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	37778	19.26	ug/l	91
22) Diisopropyl ether	6.137	45	141324	23.12	ug/l	95
23) Vinyl Acetate	6.076	43	470233	114.37	ug/l	97
24) 1,1-Dichloroethane	6.033	63	71334	21.42	ug/l	98
25) 2-Butanone	6.996	43	77300	119.64	ug/l	91
26) 2,2-Dichloropropane	6.990	77	64920	20.83	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	43825	19.74	ug/l	94
28) Bromochloromethane	7.350	49	33512	24.75	ug/l	90
29) Tetrahydrofuran	7.356	42	55877	122.75	ug/l	93
30) Chloroform	7.521	83	71491	20.18	ug/l	98
31) Cyclohexane	7.795	56	68151	20.77	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	63125	19.47	ug/l	99
36) 1,1-Dichloropropene	7.929	75	54742	19.40	ug/l	99
37) Ethyl Acetate	7.088	43	37793	22.83	ug/l	98
38) Carbon Tetrachloride	7.905	117	48527	19.78	ug/l	99
39) Methylcyclohexane	9.185	83	67246	19.25	ug/l	96
40) Benzene	8.167	78	158818	19.86	ug/l	98

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41) Methacrylonitrile	7.320	41	18765m	20.46	ug/l		
42) 1,2-Dichloroethane	8.246	62	49943	19.87	ug/l		100
43) Isopropyl Acetate	8.283	43	72355	23.09	ug/l		97
44) Trichloroethene	8.947	130	43946	17.26	ug/l		98
45) 1,2-Dichloropropane	9.222	63	42111	21.30	ug/l		98
46) Dibromomethane	9.313	93	22935	19.73	ug/l		96
47) Bromodichloromethane	9.502	83	54596	19.69	ug/l		96
48) Methyl methacrylate	9.301	41	32192	22.62	ug/l		97
49) 1,4-Dioxane	9.301	88	6394	414.79	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	184922	115.81	ug/l		99
52) Toluene	10.252	92	100355	19.52	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	59906	20.26	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	67869	20.54	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	31843	20.00	ug/l		98
56) Ethyl methacrylate	10.514	69	46237	21.16	ug/l		95
57) 1,3-Dichloropropane	10.795	76	56855	20.69	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	117494	125.71	ug/l		95
59) 2-Hexanone	10.837	43	126692	115.41	ug/l		97
60) Dibromochloromethane	10.990	129	37362	19.57	ug/l		99
61) 1,2-Dibromoethane	11.093	107	30972	19.71	ug/l		99
64) Tetrachloroethene	10.721	164	44102	16.33	ug/l		96
65) Chlorobenzene	11.520	112	104956	19.17	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	38020	19.39	ug/l		98
67) Ethyl Benzene	11.599	91	194346	19.55	ug/l		98
68) m/p-Xylenes	11.703	106	145371	38.08	ug/l		99
69) o-Xylene	12.032	106	68236	19.10	ug/l		98
70) Styrene	12.050	104	110886	18.66	ug/l		99
71) Bromoform	12.215	173	21985	19.69	ug/l	#	97
73) Isopropylbenzene	12.331	105	186348	20.12	ug/l		99
74) N-amyl acetate	12.148	43	62573	23.12	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	36354	21.21	ug/l		97
76) 1,2,3-Trichloropropane	12.636	75	21386m	18.58	ug/l		
77) Bromobenzene	12.611	156	41347	19.07	ug/l		90
78) n-propylbenzene	12.672	91	221001	20.63	ug/l		99
79) 2-Chlorotoluene	12.758	91	120710	20.51	ug/l		98
80) 1,3,5-Trimethylbenzene	12.819	105	152464	20.18	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	14721	23.57	ug/l		91
82) 4-Chlorotoluene	12.855	91	124718	20.13	ug/l		100
83) tert-Butylbenzene	13.081	119	132491	20.30	ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	151446	19.99	ug/l		99
85) sec-Butylbenzene	13.258	105	182491	20.31	ug/l		99
86) p-Isopropyltoluene	13.373	119	165281	19.77	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	79141	19.57	ug/l		98
88) 1,4-Dichlorobenzene	13.447	146	78820	19.73	ug/l		99
89) n-Butylbenzene	13.697	91	157525	20.49	ug/l		99
90) Hexachloroethane	13.965	117	21365	31.88	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	71041	19.57	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6361	19.89	ug/l		91
93) 1,2,4-Trichlorobenzene	15.013	180	47682	18.48	ug/l		99
94) Hexachlorobutadiene	15.117	225	23997	17.49	ug/l		99
95) Naphthalene	15.239	128	105269	19.23	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	41955	17.79	ug/l		100

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

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