Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
Data File : VY004277.D
Acq On : 05 Apr 2021 12:18
Operator : SY/MD
Sample : VY0405SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBS01

Manual Integrations APPROVED
MMDadoda
4/6/2021 1:55:05 PM

Quant Time: Apr 05 15:19:18 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	215219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	302899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99828	48.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.50%			
35) Dibromofluoromethane	7.728	113	86107	45.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.36%			
50) Toluene-d8	10.185	98	334204	46.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.24%			
62) 4-Bromofluorobenzene	12.483	95	115192	46.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	31561	16.93	ug/l	95
3) Chloromethane	2.119	50	46413	18.45	ug/l	97
4) Vinyl Chloride	2.259	62	65848	23.48	ug/l	95
5) Bromomethane	2.650	94	25786	16.72	ug/l	100
6) Chloroethane	2.796	64	31362	17.25	ug/l	95
7) Trichlorofluoromethane	3.131	101	67832	18.61	ug/l	98
8) Diethyl Ether	3.540	74	23469	20.07	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	39424	19.87	ug/l	97
10) Methyl Iodide	4.100	142	40866	17.82	ug/l	99
11) Tert butyl alcohol	4.972	59	21828	129.65	ug/l	98
12) 1,1-Dichloroethene	3.875	96	37552	19.29	ug/l	94
13) Acrolein	3.735	56	19010	128.88	ug/l	97
14) Allyl chloride	4.491	41	69624	22.45	ug/l	95
15) Acrylonitrile	5.173	53	63536	114.16	ug/l	98
16) Acetone	3.960	43	44418	103.05	ug/l	96
17) Carbon Disulfide	4.204	76	98628	19.27	ug/l	97
18) Methyl Acetate	4.485	43	30424	22.05	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	121039	21.05	ug/l	99
20) Methylene Chloride	4.728	84	43644	19.10	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	41849	19.15	ug/l	97
22) Diisopropyl ether	6.131	45	150994	22.16	ug/l	98
23) Vinyl Acetate	6.070	43	510575	111.42	ug/l	97
24) 1,1-Dichloroethane	6.027	63	78400	21.12	ug/l	98
25) 2-Butanone	6.996	43	80165	111.33	ug/l	95
26) 2,2-Dichloropropane	6.996	77	72921	20.99	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	48551	19.62	ug/l	94
28) Bromochloromethane	7.344	49	37581	24.91	ug/l	93
29) Tetrahydrofuran	7.362	42	58866	116.03	ug/l	94
30) Chloroform	7.515	83	79007	20.01	ug/l	98
31) Cyclohexane	7.789	56	75563	20.67	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	70318	19.46	ug/l	99
36) 1,1-Dichloropropene	7.923	75	61062	19.55	ug/l	97
37) Ethyl Acetate	7.088	43	39877	21.77	ug/l	98
38) Carbon Tetrachloride	7.911	117	54977	20.25	ug/l	99
39) Methylcyclohexane	9.185	83	76161	19.70	ug/l	98
40) Benzene	8.167	78	176323	19.92	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	21671m	21.35	ug/l		
42) 1,2-Dichloroethane	8.246	62	55715	20.03	ug/l		100
43) Isopropyl Acetate	8.283	43	76082	21.94	ug/l		99
44) Trichloroethene	8.947	130	48990	17.38	ug/l		92
45) 1,2-Dichloropropane	9.222	63	44994	20.57	ug/l		100
46) Dibromomethane	9.313	93	24617	19.14	ug/l		95
47) Bromodichloromethane	9.502	83	61868	20.16	ug/l		100
48) Methyl methacrylate	9.295	41	35137	22.31	ug/l		94
49) 1,4-Dioxane	9.301	88	6890	394.05	ug/l		89
51) 4-Methyl-2-Pentanone	10.075	43	194695	110.18	ug/l		98
52) Toluene	10.246	92	111988	19.68	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	66507	20.33	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	74704	20.43	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	34948	19.83	ug/l		97
56) Ethyl methacrylate	10.514	69	50024	20.69	ug/l		94
57) 1,3-Dichloropropane	10.794	76	61297	20.16	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	126509	122.30	ug/l		96
59) 2-Hexanone	10.837	43	131838	108.52	ug/l		97
60) Dibromochloromethane	10.990	129	40988	19.40	ug/l		98
61) 1,2-Dibromoethane	11.093	107	33613	19.33	ug/l		98
64) Tetrachloroethene	10.721	164	48838	16.39	ug/l		99
65) Chlorobenzene	11.520	112	114878	19.02	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	41682	19.26	ug/l		99
67) Ethyl Benzene	11.599	91	214115	19.52	ug/l		100
68) m/p-Xylenes	11.703	106	159717	37.92	ug/l		98
69) o-Xylene	12.032	106	75103	19.06	ug/l		98
70) Styrene	12.050	104	123608	18.85	ug/l		99
71) Bromoform	12.209	173	24145	19.59	ug/l	#	99
73) Isopropylbenzene	12.337	105	207015	20.19	ug/l		99
74) N-amyl acetate	12.148	43	68894	22.99	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	38733	20.41	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	30805m	24.17	ug/l		
77) Bromobenzene	12.611	156	46651	19.43	ug/l		95
78) n-propylbenzene	12.672	91	243364	20.52	ug/l		99
79) 2-Chlorotoluene	12.764	91	133867	20.54	ug/l		98
80) 1,3,5-Trimethylbenzene	12.818	105	170482	20.38	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.379	75	15033	21.74	ug/l		99
82) 4-Chlorotoluene	12.861	91	140902	20.54	ug/l		97
83) tert-Butylbenzene	13.081	119	145557	20.14	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	170075	20.27	ug/l		99
85) sec-Butylbenzene	13.257	105	203687	20.47	ug/l		99
86) p-Isopropyltoluene	13.373	119	184619	19.95	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	86597	19.34	ug/l		100
88) 1,4-Dichlorobenzene	13.452	146	86680	19.59	ug/l		98
89) n-Butylbenzene	13.702	91	176729	20.76	ug/l		99
90) Hexachloroethane	13.965	117	23200	31.41	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	77385	19.25	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6998	19.76	ug/l		88
93) 1,2,4-Trichlorobenzene	15.013	180	53149	18.60	ug/l		99
94) Hexachlorobutadiene	15.117	225	28475	18.74	ug/l		99
95) Naphthalene	15.245	128	118645	19.58	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	47264	18.11	ug/l		99

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

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