Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021020\
Data File : VY001581.D
Acq On : 10 Feb 2020 13:28
Operator : SY/MD
Sample : VY0210SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Manual Integrations APPROVED
MMDadoda
2/11/2020 6:11:05 PM

Quant Time: Feb 11 06:08:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	206155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	362620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	325051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	156016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	108402	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.44%			
35) Dibromofluoromethane	7.74	113	100112	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.76%			
50) Toluene-d8	10.19	98	409188	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.44%			
62) 4-Bromofluorobenzene	12.49	95	151043	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	33787	16.743	ug/l	93
3) Chloromethane	2.12	50	44710	21.198	ug/l	98
4) Vinyl Chloride	2.26	62	45816	20.920	ug/l	99
5) Bromomethane	2.66	94	31167	22.629	ug/l	92
6) Chloroethane	2.80	64	29091	22.037	ug/l	97
7) Trichlorofluoromethane	3.14	101	61183	16.878	ug/l	96
8) Diethyl Ether	3.55	74	23501	19.211	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38724	17.754	ug/l	98
10) Methyl Iodide	4.11	142	45885	16.510	ug/l	98
11) Tert butyl alcohol	4.99	59	30415	111.581	ug/l	96
12) 1,1-Dichloroethene	3.90	96	38206	17.627	ug/l	92
13) Acrolein	3.75	56	20814	105.900	ug/l	97
14) Allyl chloride	4.51	41	68163	20.558	ug/l	95
15) Acrylonitrile	5.20	53	62631	111.682	ug/l	99
16) Acetone	3.97	43	61892	103.082	ug/l	95
17) Carbon Disulfide	4.22	76	124107	17.987	ug/l	99
18) Methyl Acetate	4.51	43	30387	23.716	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	108377	18.802	ug/l	95
20) Methylene Chloride	4.75	84	51628	19.033	ug/l #	86
21) trans-1,2-Dichloroethene	5.25	96	44032	18.274	ug/l	96
22) Diisopropyl ether	6.15	45	139561	21.245	ug/l	97
23) Vinyl Acetate	6.09	43	456561	109.177	ug/l	94
24) 1,1-Dichloroethane	6.05	63	75266	19.049	ug/l	98
25) 2-Butanone	7.02	43	90760	116.517	ug/l	92
26) 2,2-Dichloropropane	7.01	77	65093	17.213	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	48200	18.315	ug/l	96
28) Bromochloromethane	7.36	49	29885	22.202	ug/l	88
29) Tetrahydrofuran	7.38	42	57137	122.382	ug/l	94
30) Chloroform	7.54	83	72505	18.116	ug/l	97
31) Cyclohexane	7.81	56	77782	19.244	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	62336	17.178	ug/l	97
36) 1,1-Dichloropropene	7.94	75	59412	17.910	ug/l	99
37) Ethyl Acetate	7.10	43	37290	23.221	ug/l	97
38) Carbon Tetrachloride	7.93	117	52820	16.457	ug/l	95

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.20	83	80133	18.346	ug/l		99
40) Benzene	8.18	78	176683	18.673	ug/l		98
41) Methacrylonitrile	7.35	41	20739m	27.865	ug/l		
42) 1,2-Dichloroethane	8.26	62	48484	18.392	ug/l		99
43) Isopropyl Acetate	8.30	43	70588	22.200	ug/l		96
44) Trichloroethene	8.96	130	45281	17.754	ug/l		95
45) 1,2-Dichloropropane	9.24	63	45297	19.825	ug/l		97
46) Dibromomethane	9.32	93	23501	18.317	ug/l		98
47) Bromodichloromethane	9.51	83	56226	17.986	ug/l		96
48) Methyl methacrylate	9.31	41	31079	21.536	ug/l		94
49) 1,4-Dioxane	9.32	88	6830	403.096	ug/l		99
51) 4-Methyl-2-Pentanone	10.08	43	182478	116.536	ug/l		96
52) Toluene	10.26	92	110842	18.462	ug/l		98
53) t-1,3-Dichloropropene	10.48	75	62729	18.424	ug/l		98
54) cis-1,3-Dichloropropene	9.94	75	71518	18.296	ug/l		95
55) 1,1,2-Trichloroethane	10.66	97	35667	19.376	ug/l		98
56) Ethyl methacrylate	10.52	69	51743	19.763	ug/l		92
57) 1,3-Dichloropropane	10.80	76	63063	19.435	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.80	63	93923	97.515	ug/l		96
59) 2-Hexanone	10.85	43	135387	118.916	ug/l		94
60) Dibromochloromethane	11.00	129	38501	17.744	ug/l		98
61) 1,2-Dibromoethane	11.10	107	34658	19.116	ug/l		95
64) Tetrachloroethene	10.74	164	37533	17.607	ug/l		95
65) Chlorobenzene	11.53	112	115802	18.144	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39602	17.729	ug/l		98
67) Ethyl Benzene	11.60	91	218185	18.489	ug/l		99
68) m/p-Xylenes	11.71	106	161462	36.447	ug/l		98
69) o-Xylene	12.04	106	76703	18.363	ug/l		100
70) Styrene	12.05	104	133205	18.441	ug/l		98
71) Bromoform	12.22	173	22749	18.290	ug/l	#	97
73) Isopropylbenzene	12.34	105	204187	17.160	ug/l		100
74) N-amyl acetate	12.16	43	66905	21.638	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.60	83	45155	19.974	ug/l		98
76) 1,2,3-Trichloropropane	12.64	75	29272m	17.447	ug/l		
77) Bromobenzene	12.62	156	44992	17.472	ug/l		95
78) n-propylbenzene	12.68	91	250737	17.602	ug/l		99
79) 2-Chlorotoluene	12.77	91	141019	17.367	ug/l		99
80) 1,3,5-Trimethylbenzene	12.82	105	173139	17.278	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.39	75	16094	18.561	ug/l		98
82) 4-Chlorotoluene	12.86	91	148961	17.497	ug/l		100
83) tert-Butylbenzene	13.08	119	144540	17.064	ug/l		99
84) 1,2,4-Trimethylbenzene	13.13	105	173604	17.504	ug/l		98
85) sec-Butylbenzene	13.26	105	211228	17.736	ug/l		100
86) p-Isopropyltoluene	13.38	119	189157	18.024	ug/l		98
87) 1,3-Dichlorobenzene	13.38	146	89262	18.088	ug/l		99
88) 1,4-Dichlorobenzene	13.45	146	90190	18.242	ug/l		99
89) n-Butylbenzene	13.70	91	187979	18.154	ug/l		99
90) Hexachloroethane	13.97	117	34139	16.948	ug/l		96
91) 1,2-Dichlorobenzene	13.75	146	80298	17.955	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7813	18.720	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54727	18.159	ug/l	99
94) Hexachlorobutadiene	15.12	225	27045	17.681	ug/l	97
95) Naphthalene	15.25	128	128964	18.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	48394	18.191	ug/l	99

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

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