Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
Data File : VY001954.D
Acq On : 12 Mar 2020 11:21
Operator : SY/MD
Sample : VY0312SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Manual Integrations APPROVED
MMDadoda
3/16/2020 11:42:31 AM

Quant Time: Mar 13 06:01:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	194246	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	349274	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	311122	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	145343	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	107041	51.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.24%				
35) Dibromofluoromethane	7.74	113	100989	52.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.90%				
50) Toluene-d8	10.19	98	409719	50.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.90%				
62) 4-Bromofluorobenzene	12.49	95	145703	52.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	33831	18.868	ug/l		98
3) Chloromethane	2.13	50	48027	19.867	ug/l		95
4) Vinyl Chloride	2.27	62	49557	20.154	ug/l		99
5) Bromomethane	2.66	94	32919	19.331	ug/l		100
6) Chloroethane	2.81	64	31011	20.077	ug/l		95
7) Trichlorofluoromethane	3.15	101	67494	20.239	ug/l		98
8) Diethyl Ether	3.55	74	26279	19.994	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	42502	19.816	ug/l		99
10) Methyl Iodide	4.11	142	48516	19.559	ug/l		99
11) Tert butyl alcohol	4.99	59	30317	129.613	ug/l	#	95
12) 1,1-Dichloroethene	3.90	96	44098	20.419	ug/l		99
13) Acrolein	3.76	56	25004	85.805	ug/l		96
14) Allyl chloride	4.51	41	75329	19.675	ug/l		98
15) Acrylonitrile	5.20	53	66644	94.889	ug/l		99
16) Acetone	3.98	43	57859	95.795	ug/l		96
17) Carbon Disulfide	4.22	76	136310	18.775	ug/l		99
18) Methyl Acetate	4.50	43	30828	19.865	ug/l		100
19) Methyl tert-butyl Ether	5.25	73	120906	20.659	ug/l		99
20) Methylene Chloride	4.75	84	52819	20.405	ug/l		99
21) trans-1,2-Dichloroethene	5.25	96	48949	19.969	ug/l		100
22) Diisopropyl ether	6.15	45	154460	19.681	ug/l		95
23) Vinyl Acetate	6.09	43	501680	97.509	ug/l		97
24) 1,1-Dichloroethane	6.05	63	85233	20.055	ug/l		99
25) 2-Butanone	7.02	43	89031	96.931	ug/l		96
26) 2,2-Dichloropropane	7.01	77	74213	21.275	ug/l		98
27) cis-1,2-Dichloroethene	7.02	96	54383	20.395	ug/l		99
28) Bromochloromethane	7.36	49	37446	19.547	ug/l		92
29) Tetrahydrofuran	7.38	42	56654	92.884	ug/l		98
30) Chloroform	7.53	83	80848	20.248	ug/l		98
31) Cyclohexane	7.81	56	85952	18.862	ug/l		96
32) 1,1,1-Trichloroethane	7.72	97	68522	20.360	ug/l		99
36) 1,1-Dichloropropene	7.94	75	67308	20.026	ug/l		99
37) Ethyl Acetate	7.10	43	39203	20.068	ug/l		98
38) Carbon Tetrachloride	7.92	117	60037	20.910	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.20	83	88586	19.872	ug/l		99
40) Benzene	8.18	78	195926	19.667	ug/l		98
41) Methacrylonitrile	7.35	41	22636m	25.748	ug/l		
42) 1,2-Dichloroethane	8.26	62	53399	20.801	ug/l		99
43) Isopropyl Acetate	8.29	43	72961	19.727	ug/l		99
44) Trichloroethene	8.96	130	50063	20.634	ug/l		95
45) 1,2-Dichloropropane	9.23	63	49765	19.872	ug/l		97
46) Dibromomethane	9.32	93	26307	20.384	ug/l		97
47) Bromodichloromethane	9.51	83	62611	20.856	ug/l		98
48) Methyl methacrylate	9.31	41	32881	20.036	ug/l		99
49) 1,4-Dioxane	9.31	88	6551	370.456	ug/l		92
51) 4-Methyl-2-Pentanone	10.08	43	188936	99.181	ug/l		100
52) Toluene	10.25	92	121409	20.061	ug/l		99
53) t-1,3-Dichloropropene	10.48	75	67489	20.635	ug/l		99
54) cis-1,3-Dichloropropene	9.94	75	79721	20.475	ug/l		98
55) 1,1,2-Trichloroethane	10.66	97	37738	19.981	ug/l		97
56) Ethyl methacrylate	10.52	69	54741	19.774	ug/l		94
57) 1,3-Dichloropropane	10.80	76	67272	19.982	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.80	63	150003	140.983	ug/l		98
59) 2-Hexanone	10.85	43	132889	97.736	ug/l		100
60) Dibromochloromethane	11.00	129	41858	21.032	ug/l		99
61) 1,2-Dibromoethane	11.10	107	36787	20.562	ug/l		98
64) Tetrachloroethene	10.73	164	40666	20.843	ug/l		91
65) Chlorobenzene	11.53	112	123385	19.903	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.60	131	41219	20.276	ug/l		97
67) Ethyl Benzene	11.60	91	234170	20.254	ug/l		98
68) m/p-Xylenes	11.71	106	172586	40.377	ug/l		98
69) o-Xylene	12.04	106	82422	20.458	ug/l		100
70) Styrene	12.05	104	141271	20.474	ug/l		99
71) Bromoform	12.22	173	22889	20.761	ug/l	#	99
73) Isopropylbenzene	12.34	105	223343	20.130	ug/l		100
74) N-amyl acetate	12.15	43	65075	19.084	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.59	83	46744	19.537	ug/l		98
76) 1,2,3-Trichloropropane	12.64	75	37528m	21.761	ug/l		
77) Bromobenzene	12.62	156	47287	20.116	ug/l		98
78) n-propylbenzene	12.68	91	272061	19.876	ug/l		98
79) 2-Chlorotoluene	12.77	91	151997	20.099	ug/l		99
80) 1,3,5-Trimethylbenzene	12.82	105	184435	20.192	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.39	75	16775	19.648	ug/l		95
82) 4-Chlorotoluene	12.86	91	161472	20.507	ug/l		100
83) tert-Butylbenzene	13.08	119	154363	20.347	ug/l		99
84) 1,2,4-Trimethylbenzene	13.13	105	186639	20.590	ug/l		99
85) sec-Butylbenzene	13.26	105	227645	20.358	ug/l		99
86) p-Isopropyltoluene	13.38	119	199155	20.646	ug/l		100
87) 1,3-Dichlorobenzene	13.38	146	93827	20.369	ug/l		98
88) 1,4-Dichlorobenzene	13.45	146	93283	19.961	ug/l		98
89) n-Butylbenzene	13.70	91	202669	20.251	ug/l		99
90) Hexachloroethane	13.97	117	36821	20.234	ug/l		99
91) 1,2-Dichlorobenzene	13.75	146	86553	20.682	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7839	20.996	ug/l		93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	55789	20.556 ug/l	98
94) Hexachlorobutadiene	15.12	225	27139	20.511 ug/l	98
95) Naphthalene	15.25	128	128602	19.977 ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	49391	20.659 ug/l	99

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

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