Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
Data File : VY001763.D
Acq On : 24 Feb 2020 11:27
Operator : SY/MD
Sample : VY0224SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Manual Integrations APPROVED
MMDadoda
2/25/2020 10:53:55 AM

Quant Time: Feb 24 14:28:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	194815	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	352351	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	315854	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	146383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	105200	50.20	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.40%			
35) Dibromofluoromethane	7.73	113	96258	47.70	ug/l	-0.02
Spiked Amount 50.000			Recovery = 95.40%			
50) Toluene-d8	10.19	98	397806	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
62) 4-Bromofluorobenzene	12.48	95	142303	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	28347	14.927	ug/l	98
3) Chloromethane	2.12	50	43091	16.870	ug/l	97
4) Vinyl Chloride	2.26	62	40529	15.732	ug/l	95
5) Bromomethane	2.65	94	27480	17.067	ug/l	97
6) Chloroethane	2.80	64	26093	16.436	ug/l	100
7) Trichlorofluoromethane	3.13	101	55475	16.824	ug/l	99
8) Diethyl Ether	3.54	74	23048	17.731	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36269	17.500	ug/l	97
10) Methyl Iodide	4.10	142	37536	14.799	ug/l	98
11) Tert butyl alcohol	4.96	59	23892	81.330	ug/l	96
12) 1,1-Dichloroethene	3.88	96	36097	17.077	ug/l	92
13) Acrolein	3.74	56	20063	94.799	ug/l	99
14) Allyl chloride	4.49	41	65715	17.468	ug/l	99
15) Acrylonitrile	5.18	53	61000	91.554	ug/l	99
16) Acetone	3.96	43	55855	77.034	ug/l	97
17) Carbon Disulfide	4.21	76	114276	16.193	ug/l	99
18) Methyl Acetate	4.49	43	30546	19.345	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	103445	17.577	ug/l	99
20) Methylene Chloride	4.73	84	44950	17.453	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	40438	16.768	ug/l	97
22) Diisopropyl ether	6.13	45	136366	17.651	ug/l	95
23) Vinyl Acetate	6.08	43	440863	87.485	ug/l	99
24) 1,1-Dichloroethane	6.03	63	72443	17.544	ug/l	99
25) 2-Butanone	7.00	43	83454	84.726	ug/l	100
26) 2,2-Dichloropropane	7.00	77	62128	17.294	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	45219	16.987	ug/l	97
28) Bromochloromethane	7.35	49	35375	20.566	ug/l	97
29) Tetrahydrofuran	7.36	42	52765	88.629	ug/l	100
30) Chloroform	7.52	83	69892	17.323	ug/l	94
31) Cyclohexane	7.79	56	75072	17.052	ug/l #	96
32) 1,1,1-Trichloroethane	7.71	97	58843	17.353	ug/l	99
36) 1,1-Dichloropropene	7.92	75	57002	16.936	ug/l	100
37) Ethyl Acetate	7.08	43	35270	17.558	ug/l	99
38) Carbon Tetrachloride	7.91	117	49688	16.808	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	75182	16.838	ug/l		97
40) Benzene	8.17	78	170655	17.240	ug/l		98
41) Methacrylonitrile	7.32	41	15001m	14.873	ug/l		
42) 1,2-Dichloroethane	8.25	62	45889	17.017	ug/l		99
43) Isopropyl Acetate	8.28	43	66754	17.514	ug/l		99
44) Trichloroethene	8.94	130	42334	17.132	ug/l		97
45) 1,2-Dichloropropane	9.22	63	43806	17.671	ug/l		97
46) Dibromomethane	9.31	93	22239	17.152	ug/l		98
47) Bromodichloromethane	9.50	83	52669	16.831	ug/l		98
48) Methyl methacrylate	9.30	41	30038	17.426	ug/l		99
49) 1,4-Dioxane	9.31	88	6224	339.865	ug/l		96
51) 4-Methyl-2-Pentanone	10.08	43	172052	87.860	ug/l		99
52) Toluene	10.25	92	105242	17.045	ug/l		100
53) t-1,3-Dichloropropene	10.47	75	58439	16.892	ug/l		99
54) cis-1,3-Dichloropropene	9.93	75	67540	16.963	ug/l		97
55) 1,1,2-Trichloroethane	10.65	97	33605	17.577	ug/l		98
56) Ethyl methacrylate	10.52	69	49503	17.259	ug/l		99
57) 1,3-Dichloropropane	10.80	76	59442	17.498	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.78	63	149399	129.272	ug/l		100
59) 2-Hexanone	10.84	43	122200	83.168	ug/l		100
60) Dibromochloromethane	10.99	129	35204	16.701	ug/l		98
61) 1,2-Dibromoethane	11.09	107	31028	17.164	ug/l		98
64) Tetrachloroethene	10.72	164	33482	16.886	ug/l		96
65) Chlorobenzene	11.52	112	109223	17.321	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.59	131	36391	17.107	ug/l		98
67) Ethyl Benzene	11.59	91	202538	17.307	ug/l		99
68) m/p-Xylenes	11.70	106	149470	34.193	ug/l		100
69) o-Xylene	12.03	106	70692	17.010	ug/l		100
70) Styrene	12.05	104	124397	17.223	ug/l		99
71) Bromoform	12.22	173	19836	16.317	ug/l	#	97
73) Isopropylbenzene	12.33	105	191539	17.176	ug/l		100
74) N-amyl acetate	12.15	43	60936	17.122	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.58	83	42031	17.652	ug/l		100
76) 1,2,3-Trichloropropane	12.64	75	28412m	16.920	ug/l		
77) Bromobenzene	12.61	156	41475	17.156	ug/l		98
78) n-propylbenzene	12.67	91	239256	17.616	ug/l		100
79) 2-Chlorotoluene	12.76	91	131038	17.202	ug/l		98
80) 1,3,5-Trimethylbenzene	12.81	105	160104	17.344	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.38	75	14598	16.493	ug/l		93
82) 4-Chlorotoluene	12.86	91	137909	17.165	ug/l		99
83) tert-Butylbenzene	13.08	119	131247	16.999	ug/l		98
84) 1,2,4-Trimethylbenzene	13.13	105	158916	17.268	ug/l		99
85) sec-Butylbenzene	13.26	105	198057	17.442	ug/l		100
86) p-Isopropyltoluene	13.38	119	173681	17.607	ug/l		99
87) 1,3-Dichlorobenzene	13.37	146	82144	17.520	ug/l		100
88) 1,4-Dichlorobenzene	13.45	146	83720	17.665	ug/l		99
89) n-Butylbenzene	13.70	91	177764	17.636	ug/l		98
90) Hexachloroethane	13.97	117	31797	17.108	ug/l		99
91) 1,2-Dichlorobenzene	13.75	146	76023	17.570	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6914	17.594	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48992	17.087	ug/l	99
94) Hexachlorobutadiene	15.12	225	23525	16.498	ug/l	97
95) Naphthalene	15.24	128	116073	17.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	43642	17.301	ug/l	100

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

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