Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
Data File : VY000357.D
Acq On : 22 Oct 2019 11:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
10/24/2019 4:33:58 PM

Quant Time: Oct 23 08:09:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	442089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	398933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	200833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	146594	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.48%			
35) Dibromofluoromethane	7.73	113	133794	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.34%			
50) Toluene-d8	10.19	98	539067	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.10%			
62) 4-Bromofluorobenzene	12.49	95	193814	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	90680	41.593	ug/l	96
3) Chloromethane	2.11	50	137960	41.623	ug/l	98
4) Vinyl Chloride	2.26	62	146298	43.736	ug/l	99
5) Bromomethane	2.65	94	102791	41.464	ug/l	99
6) Chloroethane	2.79	64	97556	45.200	ug/l	96
7) Trichlorofluoromethane	3.13	101	219067	47.877	ug/l	97
8) Diethyl Ether	3.54	74	80844	50.014	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	136951	49.353	ug/l	98
10) Methyl Iodide	4.10	142	187789	47.571	ug/l	98
11) Tert butyl alcohol	4.97	59	69809	233.145	ug/l	100
12) 1,1-Dichloroethene	3.88	96	131525	48.011	ug/l	95
13) Acrolein	3.74	56	88530	252.191	ug/l	98
14) Allyl chloride	4.49	41	223141	49.152	ug/l	98
15) Acrylonitrile	5.18	53	221652	244.987	ug/l	99
16) Acetone	3.96	43	205424	221.704	ug/l	97
17) Carbon Disulfide	4.20	76	373163	43.264	ug/l	99
18) Methyl Acetate	4.49	43	105752	45.936	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	389080	51.020	ug/l	100
20) Methylene Chloride	4.72	84	156747	50.234	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	150395	47.851	ug/l	91
22) Diisopropyl ether	6.13	45	501152	52.194	ug/l	93
23) Vinyl Acetate	6.07	43	1630139	260.237	ug/l	100
24) 1,1-Dichloroethane	6.02	63	264470	50.462	ug/l	99
25) 2-Butanone	7.00	43	345080	264.381	ug/l	95
26) 2,2-Dichloropropane	6.99	77	241948	50.099	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	172518	50.726	ug/l	99
28) Bromochloromethane	7.35	49	115189	51.198	ug/l	99
29) Tetrahydrofuran	7.36	42	192848	243.795	ug/l	99
30) Chloroform	7.52	83	270986	51.342	ug/l	97
31) Cyclohexane	7.79	56	254031	46.407	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	237524	50.619	ug/l	100
36) 1,1-Dichloropropene	7.92	75	212357	49.062	ug/l	97
37) Ethyl Acetate	7.08	43	131508	51.312	ug/l	98
38) Carbon Tetrachloride	7.91	117	213567	50.960	ug/l	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.19	83	270505	47.751 ug/l		93
40) Benzene	8.17	78	619065	49.492 ug/l		99
41) Methacrylonitrile	7.32	41	59360m	48.658 ug/l		
42) 1,2-Dichloroethane	8.25	62	180923	50.636 ug/l		100
43) Isopropyl Acetate	8.28	43	249007	51.098 ug/l		99
44) Trichloroethene	8.95	130	168630	48.047 ug/l		96
45) 1,2-Dichloropropane	9.22	63	159260	51.883 ug/l		95
46) Dibromomethane	9.31	93	85625	49.899 ug/l		99
47) Bromodichloromethane	9.50	83	209001	51.681 ug/l	#	98
48) Methyl methacrylate	9.30	41	109444	51.246 ug/l		98
49) 1,4-Dioxane	9.30	88	24600	956.129 ug/l		99
51) 4-Methyl-2-Pentanone	10.08	43	673414	267.926 ug/l		99
52) Toluene	10.25	92	403646	50.827 ug/l		99
53) t-1,3-Dichloropropene	10.47	75	229373	52.924 ug/l		99
54) cis-1,3-Dichloropropene	9.94	75	264156	53.670 ug/l		97
55) 1,1,2-Trichloroethane	10.65	97	129633	51.958 ug/l		96
56) Ethyl methacrylate	10.52	69	192245	54.059 ug/l		98
57) 1,3-Dichloropropane	10.80	76	223420	52.142 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.79	63	461147	325.104 ug/l		98
59) 2-Hexanone	10.84	43	533274	302.273 ug/l		99
60) Dibromochloromethane	10.99	129	150966	54.592 ug/l		95
61) 1,2-Dibromoethane	11.10	107	123603	51.596 ug/l		98
64) Tetrachloroethene	10.72	164	184469	48.571 ug/l		98
65) Chlorobenzene	11.52	112	429907	51.062 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.60	131	153615	51.941 ug/l		99
67) Ethyl Benzene	11.60	91	787853	50.479 ug/l		99
68) m/p-Xylenes	11.70	106	603278	101.112 ug/l		99
69) o-Xylene	12.03	106	287939	50.588 ug/l		100
70) Styrene	12.05	104	503964	52.501 ug/l		99
71) Bromoform	12.21	173	90932	53.484 ug/l	#	98
73) Isopropylbenzene	12.33	105	783203	50.014 ug/l		100
74) N-amyl acetate	12.14	43	244290	63.544 ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.58	83	153384	52.168 ug/l		98
76) 1,2,3-Trichloropropane	12.64	75	109129m	44.190 ug/l		
77) Bromobenzene	12.61	156	175145	50.262 ug/l		98
78) n-propylbenzene	12.67	91	943407	50.176 ug/l		100
79) 2-Chlorotoluene	12.76	91	527418	50.794 ug/l		99
80) 1,3,5-Trimethylbenzene	12.81	105	657424	50.066 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.38	75	59312	52.549 ug/l		97
82) 4-Chlorotoluene	12.86	91	563662	51.354 ug/l		99
83) tert-Butylbenzene	13.08	119	551522	49.598 ug/l		100
84) 1,2,4-Trimethylbenzene	13.12	105	660752	50.985 ug/l		100
85) sec-Butylbenzene	13.25	105	817975	50.849 ug/l		100
86) p-Isopropyltoluene	13.37	119	719304	51.290 ug/l		99
87) 1,3-Dichlorobenzene	13.37	146	345008	50.251 ug/l		99
88) 1,4-Dichlorobenzene	13.45	146	345321	50.321 ug/l		100
89) n-Butylbenzene	13.70	91	718880	51.871 ug/l		99
90) Hexachloroethane	13.96	117	137213	52.837 ug/l		98
91) 1,2-Dichlorobenzene	13.74	146	317136	51.041 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28117	50.422 ug/l		94

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10/24/2019 4:33:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	214559	49.598	ug/l	100
94) Hexachlorobutadiene	15.11	225	109560	46.799	ug/l	97
95) Naphthalene	15.24	128	485365	50.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	196259	50.339	ug/l	99

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

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