Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
Data File : VY001461.D
Acq On : 31 Jan 2020 17:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/3/2020 10:52:58 AM

Quant Time: Jan 31 18:09:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	175425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101527	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.38%			
35) Dibromofluoromethane	7.74	113	94268	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.12%			
50) Toluene-d8	10.19	98	382047	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.62%			
62) 4-Bromofluorobenzene	12.49	95	145488	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	63366	45.804	ug/l	100
3) Chloromethane	2.12	50	92612	44.294	ug/l	99
4) Vinyl Chloride	2.26	62	97993	44.948	ug/l	97
5) Bromomethane	2.66	94	67379	45.889	ug/l	97
6) Chloroethane	2.80	64	64420	46.242	ug/l	98
7) Trichlorofluoromethane	3.14	101	135388	48.536	ug/l	98
8) Diethyl Ether	3.55	74	54515	46.296	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	88115	49.603	ug/l	100
10) Methyl Iodide	4.11	142	101051	43.130	ug/l	99
11) Tert butyl alcohol	4.98	59	49678	203.393	ug/l	100
12) 1,1-Dichloroethene	3.89	96	86703	46.550	ug/l	88
13) Acrolein	3.76	56	37112	262.786	ug/l	97
14) Allyl chloride	4.50	41	159263	47.948	ug/l	99
15) Acrylonitrile	5.19	53	145694	241.715	ug/l	99
16) Acetone	3.97	43	136718	272.570	ug/l	96
17) Carbon Disulfide	4.21	76	248456	42.414	ug/l	100
18) Methyl Acetate	4.50	43	74650	46.374	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	257854	47.281	ug/l	99
20) Methylene Chloride	4.74	84	104998	44.038	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	100785	46.583	ug/l	98
22) Diisopropyl ether	6.14	45	341328	48.393	ug/l	95
23) Vinyl Acetate	6.08	43	1103382	240.964	ug/l	99
24) 1,1-Dichloroethane	6.04	63	177984	47.874	ug/l	98
25) 2-Butanone	7.01	43	201455	242.470	ug/l	98
26) 2,2-Dichloropropane	7.01	77	152712	46.115	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	114436	47.327	ug/l	98
28) Bromochloromethane	7.36	49	85379	55.687	ug/l	97
29) Tetrahydrofuran	7.37	42	127982	236.768	ug/l	98
30) Chloroform	7.53	83	174315	47.836	ug/l	97
31) Cyclohexane	7.80	56	167175	45.290	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	148661	48.316	ug/l	100
36) 1,1-Dichloropropene	7.94	75	139540	47.874	ug/l	100
37) Ethyl Acetate	7.10	43	87378	49.066	ug/l	98
38) Carbon Tetrachloride	7.92	117	125927	48.477	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.20	83	179640	48.110	ug/l		99
40) Benzene	8.18	78	421792	48.262	ug/l		99
41) Methacrylonitrile	7.34	41	46939m	51.078	ug/l		
42) 1,2-Dichloroethane	8.26	62	116594	47.745	ug/l		100
43) Isopropyl Acetate	8.29	43	171087	49.408	ug/l		99
44) Trichloroethene	8.96	130	106400	47.443	ug/l		98
45) 1,2-Dichloropropane	9.24	63	110413	49.976	ug/l		97
46) Dibromomethane	9.32	93	56742	47.840	ug/l		98
47) Bromodichloromethane	9.51	83	138853	48.972	ug/l		96
48) Methyl methacrylate	9.31	41	76123	48.357	ug/l		97
49) 1,4-Dioxane	9.32	88	15912	951.328	ug/l		95
51) 4-Methyl-2-Pentanone	10.08	43	437959	245.592	ug/l		100
52) Toluene	10.26	92	264049	47.662	ug/l		98
53) t-1,3-Dichloropropene	10.48	75	152451	48.509	ug/l		96
54) cis-1,3-Dichloropropene	9.94	75	174154	48.280	ug/l		99
55) 1,1,2-Trichloroethane	10.66	97	85256	48.700	ug/l		98
56) Ethyl methacrylate	10.52	69	130609	49.362	ug/l		99
57) 1,3-Dichloropropane	10.80	76	150335	49.297	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.80	63	230473	251.720	ug/l		99
59) 2-Hexanone	10.85	43	317064	255.395	ug/l		100
60) Dibromochloromethane	11.00	129	94208	48.114	ug/l		98
61) 1,2-Dibromoethane	11.10	107	79357	47.951	ug/l		100
64) Tetrachloroethene	10.73	164	86412	48.711	ug/l		98
65) Chlorobenzene	11.53	112	280094	47.847	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.60	131	97675	48.893	ug/l		99
67) Ethyl Benzene	11.60	91	518547	48.067	ug/l		98
68) m/p-Xylenes	11.71	106	385860	95.765	ug/l		99
69) o-Xylene	12.04	106	186687	48.163	ug/l		99
70) Styrene	12.05	104	329607	48.466	ug/l		99
71) Bromoform	12.22	173	55668	46.681	ug/l	#	99
73) Isopropylbenzene	12.34	105	502651	47.505	ug/l		99
74) N-amyl acetate	12.15	43	165714	47.845	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.59	83	107555	47.463	ug/l		97
76) 1,2,3-Trichloropropane	12.64	75	84997m	52.602	ug/l		
77) Bromobenzene	12.62	156	109178	46.585	ug/l		98
78) n-propylbenzene	12.68	91	614091	48.217	ug/l		100
79) 2-Chlorotoluene	12.77	91	346846	47.671	ug/l		100
80) 1,3,5-Trimethylbenzene	12.82	105	420572	47.617	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.39	75	40186	47.064	ug/l		99
82) 4-Chlorotoluene	12.86	91	367926	47.341	ug/l		99
83) tert-Butylbenzene	13.08	119	352504	47.348	ug/l		98
84) 1,2,4-Trimethylbenzene	13.13	105	420322	47.401	ug/l		100
85) sec-Butylbenzene	13.26	105	518718	49.039	ug/l		100
86) p-Isopropyltoluene	13.38	119	447930	48.053	ug/l		99
87) 1,3-Dichlorobenzene	13.38	146	212695	47.123	ug/l		99
88) 1,4-Dichlorobenzene	13.45	146	216080	47.149	ug/l		99
89) n-Butylbenzene	13.70	91	460402	49.076	ug/l		98
90) Hexachloroethane	13.97	117	85334	48.296	ug/l		99
91) 1,2-Dichlorobenzene	13.75	146	197471	47.439	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18069	46.208	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	128379	45.952	ug/l	99
94) Hexachlorobutadiene	15.12	225	63309	46.539	ug/l	99
95) Naphthalene	15.24	128	303395	47.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	115176	46.996	ug/l	98

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

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