Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021820\
Data File : VY001687.D
Acq On : 18 Feb 2020 21:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/19/2020 1:43:02 PM

Quant Time: Feb 19 08:07:21 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	7.82	168	164262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	301174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	276298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	92618	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.84%			
35) Dibromofluoromethane	7.75	113	84112	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
50) Toluene-d8	10.20	98	349338	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.38%			
62) 4-Bromofluorobenzene	12.50	95	124758	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	85393	53.331	ug/l	99
3) Chloromethane	2.13	50	114609	53.216	ug/l	99
4) Vinyl Chloride	2.27	62	111037	51.116	ug/l	98
5) Bromomethane	2.67	94	74396	54.799	ug/l	95
6) Chloroethane	2.82	64	70244	52.477	ug/l	98
7) Trichlorofluoromethane	3.15	101	144412	51.944	ug/l	97
8) Diethyl Ether	3.56	74	59293	54.100	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	90670	51.887	ug/l	99
10) Methyl Iodide	4.13	142	112059	52.397	ug/l	100
11) Tert butyl alcohol	5.00	59	53067	260.300	ug/l	100
12) 1,1-Dichloroethene	3.91	96	91865	51.544	ug/l	95
13) Acrolein	3.77	56	41153	230.619	ug/l	99
14) Allyl chloride	4.52	41	168266	53.048	ug/l	98
15) Acrylonitrile	5.21	53	157549	280.446	ug/l	99
16) Acetone	3.99	43	129350	211.578	ug/l	99
17) Carbon Disulfide	4.23	76	300188	50.450	ug/l	99
18) Methyl Acetate	4.52	43	73106	54.910	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	266449	53.696	ug/l	98
20) Methylene Chloride	4.76	84	107931	49.702	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	106258	52.255	ug/l	98
22) Diisopropyl ether	6.16	45	357333	54.856	ug/l	97
23) Vinyl Acetate	6.11	43	1179875	277.684	ug/l	98
24) 1,1-Dichloroethane	6.07	63	186416	53.544	ug/l	98
25) 2-Butanone	7.03	43	211313	254.439	ug/l	97
26) 2,2-Dichloropropane	7.02	77	145745	48.116	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	118830	52.942	ug/l	99
28) Bromochloromethane	7.37	49	84982	58.597	ug/l	98
29) Tetrahydrofuran	7.38	42	138858	276.623	ug/l	98
30) Chloroform	7.55	83	179420	52.742	ug/l	99
31) Cyclohexane	7.82	56	180321	48.577	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	147851	51.712	ug/l	98
36) 1,1-Dichloropropene	7.95	75	143031	49.719	ug/l	99
37) Ethyl Acetate	7.11	43	92053	53.612	ug/l	99
38) Carbon Tetrachloride	7.93	117	126742	50.158	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.21	83	186417	48.844	ug/l		100
40) Benzene	8.19	78	443643	52.435	ug/l		99
41) Methacrylonitrile	7.36	41	47492m	55.087	ug/l		
42) 1,2-Dichloroethane	8.27	62	122944	53.338	ug/l		99
43) Isopropyl Acetate	8.30	43	180244	55.327	ug/l		99
44) Trichloroethene	8.96	130	107088	50.702	ug/l		98
45) 1,2-Dichloropropane	9.24	63	114309	53.947	ug/l		100
46) Dibromomethane	9.33	93	59099	53.325	ug/l		98
47) Bromodichloromethane	9.52	83	143845	53.778	ug/l		98
48) Methyl methacrylate	9.32	41	81194	55.107	ug/l		98
49) 1,4-Dioxane	9.32	88	15684	1001.962	ug/l		95
51) 4-Methyl-2-Pentanone	10.09	43	467418	279.251	ug/l		97
52) Toluene	10.27	92	271697	51.481	ug/l		98
53) t-1,3-Dichloropropene	10.49	75	156379	52.884	ug/l		100
54) cis-1,3-Dichloropropene	9.95	75	178542	52.461	ug/l		97
55) 1,1,2-Trichloroethane	10.66	97	88987	54.453	ug/l		99
56) Ethyl methacrylate	10.53	69	134503	54.864	ug/l		99
57) 1,3-Dichloropropane	10.81	76	156414	53.868	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.80	63	256096	280.065	ug/l		99
59) 2-Hexanone	10.85	43	325544	259.212	ug/l		98
60) Dibromochloromethane	11.00	129	94987	52.720	ug/l		99
61) 1,2-Dibromoethane	11.11	107	83827	54.251	ug/l		98
64) Tetrachloroethene	10.74	164	87940	50.701	ug/l		98
65) Chlorobenzene	11.53	112	284557	51.585	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.61	131	97569	52.434	ug/l		99
67) Ethyl Benzene	11.61	91	527017	51.482	ug/l		100
68) m/p-Xylenes	11.72	106	392539	102.653	ug/l		99
69) o-Xylene	12.05	106	187792	51.657	ug/l		98
70) Styrene	12.06	104	331079	52.402	ug/l		100
71) Bromoform	12.22	173	56019	52.678	ug/l	#	99
73) Isopropylbenzene	12.35	105	496306	50.796	ug/l		99
74) N-amyl acetate	12.16	43	169502	54.358	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.60	83	112355	53.856	ug/l		98
76) 1,2,3-Trichloropropane	12.65	75	70470m	47.898	ug/l		
77) Bromobenzene	12.63	156	110257	52.055	ug/l		96
78) n-propylbenzene	12.69	91	613600	51.564	ug/l		99
79) 2-Chlorotoluene	12.77	91	344654	51.640	ug/l		98
80) 1,3,5-Trimethylbenzene	12.83	105	419290	51.841	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.39	75	38854	50.102	ug/l		92
82) 4-Chlorotoluene	12.87	91	363461	51.634	ug/l		99
83) tert-Butylbenzene	13.09	119	347960	51.439	ug/l		99
84) 1,2,4-Trimethylbenzene	13.13	105	419405	52.014	ug/l		99
85) sec-Butylbenzene	13.27	105	511151	51.378	ug/l		99
86) p-Isopropyltoluene	13.38	119	442641	51.215	ug/l		99
87) 1,3-Dichlorobenzene	13.38	146	213526	51.980	ug/l		97
88) 1,4-Dichlorobenzene	13.46	146	211744	50.994	ug/l		99
89) n-Butylbenzene	13.71	91	446513	50.560	ug/l		100
90) Hexachloroethane	13.97	117	83628	51.356	ug/l		96
91) 1,2-Dichlorobenzene	13.75	146	195999	51.702	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17502	50.834	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	122719	48.850	ug/l	99
94) Hexachlorobutadiene	15.13	225	58529	46.847	ug/l	98
95) Naphthalene	15.25	128	297664	51.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	111369	50.390	ug/l	99

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

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