Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111720\
Data File : VD067651.D
Acq On : 17 Nov 2020 09:52
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
11/18/2020 10:50:14 AM

Quant Time: Nov 18 00:03:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	292237	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	409989	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	374499	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190275	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.34	65	118171	46.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.50%				
35) Dibromofluoromethane	7.92	113	122023	49.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.80%				
50) Toluene-d8	10.34	98	424228	48.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.74%				
62) 4-Bromofluorobenzene	12.64	95	150853	50.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	119298	50.474	ug/l		95
3) Chloromethane	2.21	50	74393	40.879	ug/l		98
4) Vinyl Chloride	2.36	62	90541	44.625	ug/l		100
5) Bromomethane	2.77	94	76542	46.545	ug/l		99
6) Chloroethane	2.93	64	58893	47.082	ug/l		95
7) Trichlorofluoromethane	3.28	101	268948	51.195	ug/l		93
8) Diethyl Ether	3.71	74	50631	47.830	ug/l		94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	135639	51.150	ug/l		99
10) Methyl Iodide	4.30	142	138639	48.780	ug/l		99
11) Tert butyl alcohol	5.21	59	29108	265.596	ug/l	#	96
12) 1,1-Dichloroethene	4.07	96	118918	48.754	ug/l		95
13) Acrolein	3.93	56	24796	222.184	ug/l		99
14) Allyl chloride	4.72	41	122915	47.085	ug/l		98
15) Acrylonitrile	5.43	53	96569	246.790	ug/l		97
16) Acetone	4.16	43	103804	271.464	ug/l		97
17) Carbon Disulfide	4.41	76	341112	45.638	ug/l		99
18) Methyl Acetate	4.71	43	38379	48.570	ug/l		98
19) Methyl tert-butyl Ether	5.47	73	243369	50.583	ug/l		100
20) Methylene Chloride	4.97	84	130289	48.235	ug/l		94
21) trans-1,2-Dichloroethene	5.47	96	139175	48.988	ug/l		97
22) Diisopropyl ether	6.36	45	259986	51.106	ug/l		99
23) Vinyl Acetate	6.30	43	687227	258.077	ug/l		98
24) 1,1-Dichloroethane	6.27	63	207151	49.775	ug/l		98
25) 2-Butanone	7.21	43	102485	250.827	ug/l		94
26) 2,2-Dichloropropane	7.21	77	231258	52.651	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	150640	51.085	ug/l		99
28) Bromochloromethane	7.55	49	73791	49.847	ug/l		98
29) Tetrahydrofuran	7.57	42	62374	254.852	ug/l		98
30) Chloroform	7.71	83	258184	52.001	ug/l		99
31) Cyclohexane	7.99	56	170092	45.895	ug/l	#	86
32) 1,1,1-Trichloroethane	7.91	97	264196	51.573	ug/l		100
36) 1,1-Dichloropropene	8.11	75	189890	54.108	ug/l		99
37) Ethyl Acetate	7.30	43	47930	52.606	ug/l		99
38) Carbon Tetrachloride	8.10	117	262066	57.474	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.36	83	224990	54.470 ug/l		96
40) Benzene	8.35	78	510809	53.734 ug/l		98
41) Methacrylonitrile	7.54	41	27088m	49.738 ug/l		
42) 1,2-Dichloroethane	8.43	62	163896	55.802 ug/l		97
43) Isopropyl Acetate	8.46	43	93618	51.955 ug/l		97
44) Trichloroethene	9.12	130	165683	53.006 ug/l		86
45) 1,2-Dichloropropane	9.39	63	108942	53.005 ug/l		94
46) Dibromomethane	9.48	93	70071	53.619 ug/l		97
47) Bromodichloromethane	9.67	83	199537	56.177 ug/l		99
48) Methyl methacrylate	9.46	41	51251	55.087 ug/l		97
49) 1,4-Dioxane	9.47	88	13408	1010.665 ug/l		95
51) 4-Methyl-2-Pentanone	10.23	43	237566	275.673 ug/l		99
52) Toluene	10.41	92	357948	56.217 ug/l		99
53) t-1,3-Dichloropropene	10.63	75	171945	56.522 ug/l		91
54) cis-1,3-Dichloropropene	10.10	75	193971	53.667 ug/l		96
55) 1,1,2-Trichloroethane	10.80	97	92915	53.736 ug/l		97
56) Ethyl methacrylate	10.67	69	98799	55.332 ug/l		99
57) 1,3-Dichloropropane	10.95	76	151797	54.556 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.94	63	221232	265.691 ug/l		100
59) 2-Hexanone	10.99	43	178760	296.674 ug/l		99
60) Dibromochloromethane	11.14	129	144888	56.646 ug/l		99
61) 1,2-Dibromoethane	11.25	107	94574	54.497 ug/l		99
64) Tetrachloroethene	10.88	164	149745	53.991 ug/l		97
65) Chlorobenzene	11.67	112	382768	53.060 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.75	131	157718	55.471 ug/l		98
67) Ethyl Benzene	11.75	91	694720	56.278 ug/l		99
68) m/p-Xylenes	11.86	106	537910	112.006 ug/l		98
69) o-Xylene	12.18	106	244276	56.970 ug/l		98
70) Styrene	12.20	104	418589	56.024 ug/l		98
71) Bromoform	12.37	173	79479	54.811 ug/l	#	99
73) Isopropylbenzene	12.48	105	699499	56.883 ug/l		99
74) N-amyl acetate	12.29	43	83450	51.573 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.74	83	87390	52.115 ug/l		99
76) 1,2,3-Trichloropropane	12.78	75	57106m	49.751 ug/l		
77) Bromobenzene	12.77	156	167547	55.479 ug/l		96
78) n-propylbenzene	12.83	91	798129	56.743 ug/l		100
79) 2-Chlorotoluene	12.91	91	447355	55.989 ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	606800	57.764 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	29198	51.644 ug/l		98
82) 4-Chlorotoluene	13.01	91	486533	56.776 ug/l		99
83) tert-Butylbenzene	13.23	119	516902	58.060 ug/l		100
84) 1,2,4-Trimethylbenzene	13.27	105	609983	58.335 ug/l		100
85) sec-Butylbenzene	13.41	105	689488	57.369 ug/l		99
86) p-Isopropyltoluene	13.52	119	667048	57.475 ug/l		99
87) 1,3-Dichlorobenzene	13.52	146	318231	55.223 ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	309374	53.020 ug/l		99
89) n-Butylbenzene	13.85	91	576500	57.508 ug/l		99
90) Hexachloroethane	14.12	117	123743	56.618 ug/l		99
91) 1,2-Dichlorobenzene	13.90	146	271529	54.443 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16619	55.976 ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189165	55.883	ug/l	97
94) Hexachlorobutadiene	15.27	225	127274	56.179	ug/l	98
95) Naphthalene	15.41	128	292343	55.963	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	160277	55.293	ug/l	99

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

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