Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091420\
Data File : VD066693.D
Acq On : 15 Sep 2020 02:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
9/15/2020 2:28:03 PM

Quant Time: Sep 15 02:54:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	562926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	216306	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.56%			
35) Dibromofluoromethane	7.91	113	203852	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.36%			
50) Toluene-d8	10.34	98	735290	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.34%			
62) 4-Bromofluorobenzene	12.63	95	240098	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	136301	51.131	ug/l	89
3) Chloromethane	2.20	50	207043	50.626	ug/l	94
4) Vinyl Chloride	2.35	62	215184	47.440	ug/l	99
5) Bromomethane	2.77	94	157254	55.322	ug/l	86
6) Chloroethane	2.92	64	138882	48.205	ug/l	97
7) Trichlorofluoromethane	3.27	101	356612	53.220	ug/l	99
8) Diethyl Ether	3.71	74	98880	58.601	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	196837	54.277	ug/l	99
10) Methyl Iodide	4.30	142	191828	57.348	ug/l	99
11) Tert butyl alcohol	5.22	59	66994	279.021	ug/l	96
12) 1,1-Dichloroethene	4.06	96	183869	56.434	ug/l	93
13) Acrolein	3.92	56	37569	234.833	ug/l	99
14) Allyl chloride	4.71	41	319161	59.772	ug/l	98
15) Acrylonitrile	5.42	53	227608	314.010	ug/l	99
16) Acetone	4.16	43	182827	253.957	ug/l	98
17) Carbon Disulfide	4.41	76	575045	53.688	ug/l	99
18) Methyl Acetate	4.71	43	105438	61.439	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	474847	62.150	ug/l	97
20) Methylene Chloride	4.96	84	259948	68.737	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	228923	59.168	ug/l	97
22) Diisopropyl ether	6.36	45	702145	63.944	ug/l	98
23) Vinyl Acetate	6.30	43	1961193	313.856	ug/l	98
24) 1,1-Dichloroethane	6.26	63	419651	60.773	ug/l	99
25) 2-Butanone	7.21	43	279708	289.431	ug/l	98
26) 2,2-Dichloropropane	7.20	77	332695	52.525	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	258599	62.154	ug/l	99
28) Bromochloromethane	7.55	49	150372	56.564	ug/l	98
29) Tetrahydrofuran	7.56	42	182560	303.322	ug/l	98
30) Chloroform	7.71	83	451178	61.761	ug/l	97
31) Cyclohexane	7.99	56	328080	51.398	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	398049	57.954	ug/l	99
36) 1,1-Dichloropropene	8.11	75	328652	56.100	ug/l	99
37) Ethyl Acetate	7.29	43	132349	56.734	ug/l	99
38) Carbon Tetrachloride	8.10	117	344185	55.583	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.35	83	353042	53.968 ug/l		99
40) Benzene	8.35	78	923872	57.581 ug/l		99
41) Methacrylonitrile	7.52	41	73208m	64.832 ug/l		
42) 1,2-Dichloroethane	8.42	62	292396	56.245 ug/l		99
43) Isopropyl Acetate	8.44	43	252225	56.420 ug/l		98
44) Trichloroethene	9.11	130	239794	56.976 ug/l		93
45) 1,2-Dichloropropane	9.38	63	234988	58.238 ug/l		90
46) Dibromomethane	9.47	93	129888	58.347 ug/l		99
47) Bromodichloromethane	9.66	83	354095	58.792 ug/l		98
48) Methyl methacrylate	9.45	41	126721	56.058 ug/l		92
49) 1,4-Dioxane	9.46	88	28548	1168.929 ug/l		100
51) 4-Methyl-2-Pentanone	10.23	43	670104	297.216 ug/l		100
52) Toluene	10.40	92	605533	59.621 ug/l		98
53) t-1,3-Dichloropropene	10.62	75	308126	57.953 ug/l		96
54) cis-1,3-Dichloropropene	10.08	75	367897	57.620 ug/l		94
55) 1,1,2-Trichloroethane	10.80	97	172530	60.278 ug/l		95
56) Ethyl methacrylate	10.66	69	206125	61.851 ug/l		97
57) 1,3-Dichloropropane	10.94	76	293794	58.601 ug/l		97
58) 2-Chloroethyl Vinyl ether	9.94	63	389445	255.487 ug/l		99
59) 2-Hexanone	10.98	43	443971	292.823 ug/l		98
60) Dibromochloromethane	11.14	129	227370	60.073 ug/l		99
61) 1,2-Dibromoethane	11.24	107	164400	59.038 ug/l		98
64) Tetrachloroethene	10.87	164	197257	56.748 ug/l		98
65) Chlorobenzene	11.67	112	616854	57.891 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237002	58.280 ug/l		98
67) Ethyl Benzene	11.74	91	1150709	58.814 ug/l		100
68) m/p-Xylenes	11.85	106	856957	117.962 ug/l		97
69) o-Xylene	12.18	106	392398	60.271 ug/l		97
70) Styrene	12.19	104	696844	61.566 ug/l		100
71) Bromoform	12.36	173	119805	58.457 ug/l	#	97
73) Isopropylbenzene	12.48	105	1079165	61.179 ug/l		99
74) N-amyl acetate	12.29	43	236094	59.095 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.73	83	185859	59.640 ug/l		99
76) 1,2,3-Trichloropropane	12.78	75	139486m	60.876 ug/l		
77) Bromobenzene	12.76	156	239791	60.975 ug/l		99
78) n-propylbenzene	12.82	91	1284141	60.052 ug/l		100
79) 2-Chlorotoluene	12.91	91	725821	60.504 ug/l		100
80) 1,3,5-Trimethylbenzene	12.96	105	900140	60.629 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.53	75	56023	57.083 ug/l		96
82) 4-Chlorotoluene	13.01	91	757534	59.052 ug/l		99
83) tert-Butylbenzene	13.23	119	753815	62.175 ug/l		96
84) 1,2,4-Trimethylbenzene	13.27	105	911534	61.667 ug/l		98
85) sec-Butylbenzene	13.40	105	1050274	60.128 ug/l		100
86) p-Isopropyltoluene	13.51	119	956207	60.820 ug/l		99
87) 1,3-Dichlorobenzene	13.52	146	455503	58.343 ug/l		100
88) 1,4-Dichlorobenzene	13.60	146	449611	57.376 ug/l		99
89) n-Butylbenzene	13.84	91	864159	56.405 ug/l		99
90) Hexachloroethane	14.11	117	196283	57.942 ug/l		96
91) 1,2-Dichlorobenzene	13.89	146	398857	58.448 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30252	57.146 ug/l		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	244978	59.817 ug/l	97
94) Hexachlorobutadiene	15.27	225	136473	55.467 ug/l	96
95) Naphthalene	15.40	128	461130	64.434 ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	211672	60.622 ug/l	98

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

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