Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
Data File : VY010117.D
Acq On : 19 Aug 2022 20:36
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 22 02:46:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	209209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90264	52.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.340%			
35) Dibromofluoromethane	7.710	113	94116	50.792	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.580%			
50) Toluene-d8	10.173	98	338593	48.766	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.540%			
62) 4-Bromofluorobenzene	12.477	95	126335	50.925	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	74084	47.512	ug/l	98
3) Chloromethane	2.107	50	83676	47.696	ug/l	99
4) Vinyl Chloride	2.241	62	91386	47.819	ug/l	97
5) Bromomethane	2.637	94	66043	45.649	ug/l	96
6) Chloroethane	2.784	64	68229	55.941	ug/l	99
7) Trichlorofluoromethane	3.113	101	161243	49.787	ug/l	98
8) Diethyl Ether	3.521	74	59460	53.789	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	97930	48.709	ug/l	99
10) Methyl Iodide	4.076	142	119887	48.278	ug/l	97
11) Tert butyl alcohol	4.948	59	54321	303.448	ug/l	96
12) 1,1-Dichloroethene	3.857	96	92117	47.762	ug/l	96
13) Acrolein	3.723	56	22222	257.586	ug/l	97
14) Allyl chloride	4.466	41	152671	53.522	ug/l	98
15) Acrylonitrile	5.149	53	158150	297.612	ug/l	98
16) Acetone	3.936	43	115104	268.378	ug/l	98
17) Carbon Disulfide	4.180	76	295406	48.265	ug/l	99
18) Methyl Acetate	4.466	43	78254	59.553	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	264907	55.430	ug/l	100
20) Methylene Chloride	4.698	84	146811	61.997	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	110607	50.580	ug/l	96
22) Diisopropyl ether	6.106	45	331709	55.362	ug/l	96
23) Vinyl Acetate	6.051	43	1089300	299.577	ug/l	98
24) 1,1-Dichloroethane	6.003	63	188508	52.210	ug/l	99
25) 2-Butanone	6.978	43	203566	295.067	ug/l	97
26) 2,2-Dichloropropane	6.972	77	152517	47.205	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	124924	51.635	ug/l	96
28) Bromochloromethane	7.326	49	71785	58.508	ug/l	95
29) Tetrahydrofuran	7.338	42	137931	312.634	ug/l	97
30) Chloroform	7.496	83	195520	51.783	ug/l	100
31) Cyclohexane	7.777	56	172570	49.153	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	167197	50.794	ug/l	99
36) 1,1-Dichloropropene	7.911	75	147551	49.887	ug/l	100
37) Ethyl Acetate	7.069	43	91842	61.162	ug/l	98
38) Carbon Tetrachloride	7.892	117	153866	49.604	ug/l	98
39) Methylcyclohexane	9.179	83	183208	50.231	ug/l	97
40) Benzene	8.155	78	450304	51.760	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	49184m	57.138	ug/l		
42) 1,2-Dichloroethane	8.228	62	120725	54.107	ug/l		100
43) Isopropyl Acetate	8.264	43	160170	59.084	ug/l		98
44) Trichloroethene	8.935	130	122224	49.012	ug/l		99
45) 1,2-Dichloropropane	9.209	63	111394	53.205	ug/l		98
46) Dibromomethane	9.301	93	65215	53.240	ug/l		100
47) Bromodichloromethane	9.490	83	150386	52.752	ug/l		99
48) Methyl methacrylate	9.289	41	72714	59.950	ug/l		98
49) 1,4-Dioxane	9.289	88	16033	1130.085	ug/l		93
51) 4-Methyl-2-Pentanone	10.069	43	456165	311.017	ug/l		98
52) Toluene	10.240	92	282556	51.226	ug/l		99
53) t-1,3-Dichloropropene	10.459	75	154146	52.907	ug/l		99
54) cis-1,3-Dichloropropene	9.923	75	178416	52.497	ug/l		99
55) 1,1,2-Trichloroethane	10.642	97	94681	53.674	ug/l		97
56) Ethyl methacrylate	10.508	69	128131	57.594	ug/l		98
57) 1,3-Dichloropropane	10.788	76	157498	54.162	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.776	63	240960	271.539	ug/l		98
59) 2-Hexanone	10.831	43	312882	311.114	ug/l		99
60) Dibromochloromethane	10.983	129	111914	52.057	ug/l		99
61) 1,2-Dibromoethane	11.087	107	90316	52.608	ug/l		99
64) Tetrachloroethene	10.715	164	121584	48.166	ug/l		97
65) Chlorobenzene	11.514	112	307237	48.847	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.587	131	115771	49.794	ug/l		100
67) Ethyl Benzene	11.587	91	546664	49.877	ug/l		98
68) m/p-Xylenes	11.697	106	427674	100.056	ug/l		100
69) o-Xylene	12.026	106	200495	50.377	ug/l		100
70) Styrene	12.038	104	347644	51.189	ug/l		99
71) Bromoform	12.203	173	75616	52.833	ug/l	#	100
73) Isopropylbenzene	12.325	105	531219	48.053	ug/l		100
74) N-amyl acetate	12.142	43	144775	54.329	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.581	83	112364	50.814	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	76892m	49.965	ug/l		
77) Bromobenzene	12.605	156	129667	48.220	ug/l		100
78) n-propylbenzene	12.666	91	656574	48.373	ug/l		100
79) 2-Chlorotoluene	12.751	91	364571	47.682	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	449888	48.641	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.373	75	39408	51.433	ug/l		96
82) 4-Chlorotoluene	12.849	91	377853	47.672	ug/l		99
83) tert-Butylbenzene	13.068	119	395555	49.055	ug/l		100
84) 1,2,4-Trimethylbenzene	13.117	105	447229	48.822	ug/l		100
85) sec-Butylbenzene	13.251	105	589009	48.179	ug/l		100
86) p-Isopropyltoluene	13.367	119	491539	48.775	ug/l		100
87) 1,3-Dichlorobenzene	13.361	146	256555	47.381	ug/l		99
88) 1,4-Dichlorobenzene	13.440	146	257751	47.541	ug/l		99
89) n-Butylbenzene	13.690	91	456024	48.078	ug/l		100
90) Hexachloroethane	13.958	117	95307	46.384	ug/l		97
91) 1,2-Dichlorobenzene	13.733	146	233728	48.628	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18245	53.968	ug/l		99
93) 1,2,4-Trichlorobenzene	15.001	180	138488	48.598	ug/l		99
94) Hexachlorobutadiene	15.105	225	80796	47.757	ug/l		99
95) Naphthalene	15.233	128	297361	48.304	ug/l		100
96) 1,2,3-Trichlorobenzene	15.422	180	123065	49.555	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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