Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
Data File : VY010000.D
Acq On : 12 Aug 2022 20:45
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 13 02:58:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	101723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	172808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	161343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54065	52.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.780%			
35) Dibromofluoromethane	7.710	113	56004	52.951	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.900%			
50) Toluene-d8	10.173	98	214372	52.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.477	95	80194	54.010	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	40626	44.487	ug/l	97
3) Chloromethane	2.101	50	34711	51.747	ug/l	97
4) Vinyl Chloride	2.241	62	36872	52.171	ug/l	97
5) Bromomethane	2.637	94	25915	52.515	ug/l	100
6) Chloroethane	2.778	64	22110	47.318	ug/l	97
7) Trichlorofluoromethane	3.107	101	85152	48.635	ug/l	99
8) Diethyl Ether	3.515	74	33284	50.502	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	56660	50.360	ug/l	95
10) Methyl Iodide	4.076	142	70580	52.441	ug/l	97
11) Tert butyl alcohol	4.942	59	27484	273.625	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	55674	50.967	ug/l	92
13) Acrolein	3.717	56	31523	237.421	ug/l	98
14) Allyl chloride	4.460	41	79100	51.939	ug/l	94
15) Acrylonitrile	5.149	53	82965	263.003	ug/l	100
16) Acetone	3.936	43	58769	237.138	ug/l #	87
17) Carbon Disulfide	4.180	76	177698	49.985	ug/l	98
18) Methyl Acetate	4.466	43	39198	57.954	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	147020	55.080	ug/l	100
20) Methylene Chloride	4.704	84	65327	50.545	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	62224	51.257	ug/l	95
22) Diisopropyl ether	6.106	45	164585	53.455	ug/l	96
23) Vinyl Acetate	6.045	43	527398	277.220	ug/l	97
24) 1,1-Dichloroethane	6.003	63	100919	51.365	ug/l	99
25) 2-Butanone	6.978	43	96495	250.926	ug/l	91
26) 2,2-Dichloropropane	6.966	77	78767	45.231	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	68708	52.688	ug/l	92
28) Bromochloromethane	7.320	49	41028	52.282	ug/l	87
29) Tetrahydrofuran	7.338	42	64935	267.183	ug/l	88
30) Chloroform	7.496	83	105958	52.155	ug/l	95
31) Cyclohexane	7.777	56	93423	50.581	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	90828	52.614	ug/l	99
36) 1,1-Dichloropropene	7.905	75	81298	51.619	ug/l	99
37) Ethyl Acetate	7.064	43	43782	51.508	ug/l	95
38) Carbon Tetrachloride	7.893	117	82918	52.756	ug/l	99
39) Methylcyclohexane	9.173	83	102594	54.099	ug/l	98
40) Benzene	8.149	78	240558	50.473	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.301	41	24619	54.528	ug/l	#	100
42) 1,2-Dichloroethane	8.228	62	64376	52.142	ug/l		97
43) Isopropyl Acetate	8.265	43	80507	54.565	ug/l		95
44) Trichloroethene	8.935	130	66983	51.897	ug/l		97
45) 1,2-Dichloropropane	9.209	63	59643	52.154	ug/l		98
46) Dibromomethane	9.295	93	36653	53.237	ug/l		97
47) Bromodichloromethane	9.490	83	81278	53.101	ug/l		100
48) Methyl methacrylate	9.289	41	36206	55.927	ug/l		91
49) 1,4-Dioxane	9.289	88	9857	1141.262	ug/l		93
51) 4-Methyl-2-Pentanone	10.063	43	215837	269.821	ug/l		93
52) Toluene	10.240	92	151420	52.756	ug/l		98
53) t-1,3-Dichloropropene	10.459	75	83172	52.873	ug/l		97
54) cis-1,3-Dichloropropene	9.923	75	96287	52.939	ug/l		95
55) 1,1,2-Trichloroethane	10.642	97	52130	52.941	ug/l		98
56) Ethyl methacrylate	10.502	69	69813	57.342	ug/l		91
57) 1,3-Dichloropropane	10.788	76	85024	53.232	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.776	63	129353	242.737	ug/l		98
59) 2-Hexanone	10.825	43	151555	274.565	ug/l		91
60) Dibromochloromethane	10.977	129	59963	53.320	ug/l		99
61) 1,2-Dibromoethane	11.081	107	51175	54.263	ug/l		99
64) Tetrachloroethene	10.715	164	60294	51.153	ug/l		98
65) Chlorobenzene	11.514	112	164936	50.363	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	58874	50.465	ug/l		98
67) Ethyl Benzene	11.587	91	288055	52.313	ug/l		95
68) m/p-Xylenes	11.697	106	220351	103.380	ug/l		94
69) o-Xylene	12.026	106	107489	53.175	ug/l		96
70) Styrene	12.038	104	181639	52.752	ug/l		99
71) Bromoform	12.203	173	37894	51.418	ug/l	#	98
73) Isopropylbenzene	12.325	105	279214	53.194	ug/l		100
74) N-amyl acetate	12.142	43	72487	53.984	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.581	83	60571	49.996	ug/l		100
76) 1,2,3-Trichloropropane	12.630	75	40852m	45.202	ug/l		
77) Bromobenzene	12.605	156	66228	52.155	ug/l		91
78) n-propylbenzene	12.666	91	346739	52.634	ug/l		98
79) 2-Chlorotoluene	12.752	91	198879	53.148	ug/l		97
80) 1,3,5-Trimethylbenzene	12.806	105	234858	54.762	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.374	75	20923	50.326	ug/l		91
82) 4-Chlorotoluene	12.849	91	204796	52.538	ug/l		96
83) tert-Butylbenzene	13.069	119	206578	54.799	ug/l		98
84) 1,2,4-Trimethylbenzene	13.117	105	231394	53.730	ug/l		99
85) sec-Butylbenzene	13.251	105	306489	53.068	ug/l		98
86) p-Isopropyltoluene	13.367	119	252753	55.442	ug/l		99
87) 1,3-Dichlorobenzene	13.361	146	128243	51.236	ug/l		98
88) 1,4-Dichlorobenzene	13.440	146	130254	50.059	ug/l		98
89) n-Butylbenzene	13.690	91	247326	56.189	ug/l		99
90) Hexachloroethane	13.959	117	50208	51.357	ug/l		90
91) 1,2-Dichlorobenzene	13.733	146	116987	51.961	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10514	54.035	ug/l		97
93) 1,2,4-Trichlorobenzene	15.001	180	75845	59.207	ug/l		98
94) Hexachlorobutadiene	15.111	225	39451	54.535	ug/l		99
95) Naphthalene	15.233	128	177273	56.933	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	65777	57.413	ug/l		98

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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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