Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013144.D
Acq On : 30 Mar 2023 11:21
Operator : KP/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :Krupa Patel 03/31/2023
Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 03:56:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 03:45:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	139800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72525	48.273	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.540%			
35) Dibromofluoromethane	7.716	113	68568	51.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.179	98	261823	51.683	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.483	95	85351	51.760	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	67041	48.919	ug/l	97
3) Chloromethane	2.113	50	67354	47.128	ug/l	99
4) Vinyl Chloride	2.253	62	68634	47.899	ug/l	100
5) Bromomethane	2.650	94	47441	46.914	ug/l	94
6) Chloroethane	2.796	64	42847	47.737	ug/l	99
7) Trichlorofluoromethane	3.125	101	125571	49.240	ug/l	99
8) Diethyl Ether	3.527	74	39629	49.486	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	67547	48.043	ug/l	96
10) Methyl Iodide	4.094	142	96087	52.483	ug/l	98
11) Tert butyl alcohol	4.948	59	32292	238.474	ug/l	98
12) 1,1-Dichloroethene	3.875	96	66884	49.210	ug/l	99
13) Acrolein	3.729	56	46813	246.350	ug/l	100
14) Allyl chloride	4.479	41	113114	48.845	ug/l	95
15) Acrylonitrile	5.161	53	101530	255.145	ug/l	99
16) Acetone	3.942	43	132156	287.662	ug/l	99
17) Carbon Disulfide	4.198	76	220328	48.678	ug/l	99
18) Methyl Acetate	4.479	43	73717	50.925	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	177147	51.436	ug/l	98
20) Methylene Chloride	4.716	84	81167	51.321	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	75769	49.478	ug/l	98
22) Diisopropyl ether	6.118	45	232829	51.460	ug/l	98
23) Vinyl Acetate	6.064	43	679839	264.231	ug/l	98
24) 1,1-Dichloroethane	6.021	63	130974	48.878	ug/l	99
25) 2-Butanone	6.984	43	155145	270.075	ug/l	98
26) 2,2-Dichloropropane	6.984	77	117458	48.735	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	83708	50.739	ug/l	98
28) Bromochloromethane	7.332	49	59196	51.484	ug/l	94
29) Tetrahydrofuran	7.344	42	90853	267.171	ug/l	98
30) Chloroform	7.508	83	134490	48.468	ug/l	99
31) Cyclohexane	7.789	56	119489	48.716	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	122026	49.738	ug/l	99
36) 1,1-Dichloropropene	7.917	75	105816	52.380	ug/l	99
37) Ethyl Acetate	7.069	43	61635	53.709	ug/l	99
38) Carbon Tetrachloride	7.899	117	113526	50.931	ug/l	99
39) Methylcyclohexane	9.185	83	127750	53.902	ug/l	99
40) Benzene	8.161	78	299473	51.325	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	26655m	47.815	ug/l		
42) 1,2-Dichloroethane	8.234	62	90750	50.765	ug/l		99
43) Isopropyl Acetate	8.271	43	111051	54.062	ug/l		99
44) Trichloroethene	8.941	130	81968	51.031	ug/l		98
45) 1,2-Dichloropropane	9.215	63	74422	50.936	ug/l		96
46) Dibromomethane	9.307	93	43144	51.403	ug/l		97
47) Bromodichloromethane	9.496	83	103273	50.993	ug/l	#	96
48) Methyl methacrylate	9.295	41	52766	55.155	ug/l		99
49) 1,4-Dioxane	9.295	88	11157	1117.361	ug/l		93
51) 4-Methyl-2-Pentanone	10.069	43	304111	274.318	ug/l		99
52) Toluene	10.246	92	188771	52.155	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	108703	52.512	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	122604	51.859	ug/l		97
55) 1,1,2-Trichloroethane	10.642	97	59562	51.337	ug/l		98
56) Ethyl methacrylate	10.508	69	80239	55.006	ug/l		99
57) 1,3-Dichloropropane	10.788	76	102092	52.124	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.782	63	178922	262.320	ug/l		99
59) 2-Hexanone	10.831	43	229644	286.421	ug/l		98
60) Dibromochloromethane	10.983	129	75614	51.890	ug/l		100
61) 1,2-Dibromoethane	11.087	107	57205	50.888	ug/l		98
64) Tetrachloroethene	10.721	164	72990	50.777	ug/l		98
65) Chlorobenzene	11.514	112	199026	50.140	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	74789	50.257	ug/l		99
67) Ethyl Benzene	11.593	91	358221	52.252	ug/l		100
68) m/p-Xylenes	11.703	106	281721	106.229	ug/l		99
69) o-Xylene	12.032	106	129755	52.749	ug/l		98
70) Styrene	12.044	104	218523	53.105	ug/l		99
71) Bromoform	12.209	173	48306	52.349	ug/l	#	98
73) Isopropylbenzene	12.331	105	346274	53.242	ug/l		100
74) N-amyl acetate	12.142	43	97527	54.615	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.581	83	71619	52.571	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	56507m	53.400	ug/l		
77) Bromobenzene	12.611	156	84144	52.038	ug/l		95
78) n-propylbenzene	12.672	91	424693	53.108	ug/l		99
79) 2-Chlorotoluene	12.758	91	234288	51.631	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	289372	53.218	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	25776	54.309	ug/l		99
82) 4-Chlorotoluene	12.855	91	245565	51.998	ug/l		99
83) tert-Butylbenzene	13.075	119	251734	53.900	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	285392	53.594	ug/l		100
85) sec-Butylbenzene	13.251	105	377127	53.478	ug/l		100
86) p-Isopropyltoluene	13.367	119	310461	53.478	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	163034	50.863	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	161775	50.366	ug/l		99
89) n-Butylbenzene	13.696	91	289472	53.338	ug/l		99
90) Hexachloroethane	13.959	117	60954	50.401	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	146315	51.112	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11709	51.651	ug/l		97
93) 1,2,4-Trichlorobenzene	15.007	180	89619	53.685	ug/l		98
94) Hexachlorobutadiene	15.111	225	53953	52.551	ug/l		99
95) Naphthalene	15.239	128	178428	50.431	ug/l		100
96) 1,2,3-Trichlorobenzene	15.422	180	80344	54.627	ug/l		100

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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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