Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020219.D
Acq On : 07 Nov 2024 20:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
Supervised By :Semsettin Yesilyurt 11/08/2024

Quant Time: Nov 08 00:33:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	267883	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	516809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	459804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	217398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	184300	55.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.240%			
35) Dibromofluoromethane	7.634	113	165839	50.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.103	98	633390	48.427	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.860%			
62) 4-Bromofluorobenzene	12.402	95	218242	51.372	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	109509	44.161	ug/l	97
3) Chloromethane	2.068	50	236764	57.642	ug/l	98
4) Vinyl Chloride	2.202	62	246460	55.893	ug/l	98
5) Bromomethane	2.598	94	177988	60.797	ug/l	99
6) Chloroethane	2.733	64	173288	60.894	ug/l	99
7) Trichlorofluoromethane	3.056	101	300793	55.840	ug/l	99
8) Diethyl Ether	3.452	74	97403	64.831	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.812	101	154001	50.971	ug/l	90
10) Methyl Iodide	4.007	142	181425	62.195	ug/l #	89
11) Tert butyl alcohol	4.878	59	61214	254.540	ug/l #	80
12) 1,1-Dichloroethene	3.793	96	155202	53.688	ug/l #	78
13) Acrolein	3.659	56	62562	208.978	ug/l	99
14) Allyl chloride	4.385	41	295863	56.727	ug/l #	89
15) Acrylonitrile	5.061	53	217615	318.199	ug/l	98
16) Acetone	3.879	43	167973	216.039	ug/l	88
17) Carbon Disulfide	4.104	76	496798	51.641	ug/l	98
18) Methyl Acetate	4.391	43	131342	71.998	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	477595	65.670	ug/l	99
20) Methylene Chloride	4.616	84	188828	54.063	ug/l #	80
21) trans-1,2-Dichloroethene	5.116	96	185092	56.773	ug/l	87
22) Diisopropyl ether	6.019	45	675495	62.412	ug/l #	91
23) Vinyl Acetate	5.964	43	1778135	291.929	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	376441	60.067	ug/l	95
25) 2-Butanone	6.903	43	289193	274.389	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	241133	46.244	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	228477	60.965	ug/l	87
28) Bromochloromethane	7.244	49	151590	51.657	ug/l #	74
29) Tetrahydrofuran	7.262	42	195972	322.196	ug/l #	82
30) Chloroform	7.421	83	380245	61.143	ug/l	98
31) Cyclohexane	7.707	56	287544	47.393	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	315763	58.156	ug/l	94
36) 1,1-Dichloropropene	7.835	75	254706	50.180	ug/l	95
37) Ethyl Acetate	6.982	43	135013	55.790	ug/l	96
38) Carbon Tetrachloride	7.817	117	262057	51.341	ug/l	98
39) Methylcyclohexane	9.109	83	303219	47.068	ug/l #	88
40) Benzene	8.079	78	812007	54.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	76131	62.800	ug/l	#	86
42) 1,2-Dichloroethane	8.158	62	240103	58.548	ug/l		94
43) Isopropyl Acetate	8.201	43	271579	58.359	ug/l	#	80
44) Trichloroethene	8.866	130	185207	53.936	ug/l		87
45) 1,2-Dichloropropane	9.140	63	202135	57.025	ug/l		99
46) Dibromomethane	9.231	93	110946	57.764	ug/l		89
47) Bromodichloromethane	9.420	83	294266	58.483	ug/l		94
48) Methyl methacrylate	9.219	41	130610	60.593	ug/l	#	81
49) 1,4-Dioxane	9.231	88	24064	1216.939	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.000	43	730157	304.504	ug/l		90
52) Toluene	10.170	92	508170	55.643	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	246128	55.395	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	295006	55.627	ug/l	#	84
55) 1,1,2-Trichloroethane	10.573	97	143471	60.078	ug/l		97
56) Ethyl methacrylate	10.438	69	216643	63.243	ug/l	#	75
57) 1,3-Dichloropropane	10.719	76	257598	58.903	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	403139	238.631	ug/l		93
59) 2-Hexanone	10.762	43	489226	284.585	ug/l		88
60) Dibromochloromethane	10.908	129	180719	59.367	ug/l		100
61) 1,2-Dibromoethane	11.012	107	129471	58.355	ug/l		99
64) Tetrachloroethene	10.646	164	181402	59.752	ug/l		93
65) Chlorobenzene	11.438	112	538624	54.977	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	177783	56.796	ug/l		100
67) Ethyl Benzene	11.518	91	985195	53.794	ug/l		100
68) m/p-Xylenes	11.627	106	733022	109.396	ug/l		92
69) o-Xylene	11.950	106	354524	55.884	ug/l		93
70) Styrene	11.969	104	606474	57.819	ug/l		95
71) Bromoform	12.133	173	97176	60.515	ug/l	#	96
73) Isopropylbenzene	12.255	105	915978	52.743	ug/l		99
74) N-amyl acetate	12.072	43	252953	58.268	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	169867	55.927	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	122242m	59.985	ug/l		
77) Bromobenzene	12.530	156	196647	55.988	ug/l		84
78) n-propylbenzene	12.597	91	1117623	51.708	ug/l		97
79) 2-Chlorotoluene	12.676	91	650075	54.183	ug/l		93
80) 1,3,5-Trimethylbenzene	12.737	105	749270	53.740	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	47980	50.643	ug/l	#	83
82) 4-Chlorotoluene	12.773	91	666538	54.487	ug/l		95
83) tert-Butylbenzene	12.999	119	655212	53.742	ug/l		94
84) 1,2,4-Trimethylbenzene	13.042	105	748693	54.214	ug/l		96
85) sec-Butylbenzene	13.176	105	963152	51.460	ug/l		97
86) p-Isopropyltoluene	13.292	119	784799	52.252	ug/l		95
87) 1,3-Dichlorobenzene	13.286	146	388773	54.487	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	384274	54.081	ug/l		96
89) n-Butylbenzene	13.615	91	771373	51.233	ug/l		98
90) Hexachloroethane	13.883	117	155418	52.323	ug/l		83
91) 1,2-Dichlorobenzene	13.657	146	340550	54.910	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25947	56.331	ug/l		76
93) 1,2,4-Trichlorobenzene	14.919	180	178983	53.721	ug/l		96
94) Hexachlorobutadiene	15.023	225	90077	49.443	ug/l		99
95) Naphthalene	15.145	128	367591	59.023	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	153184	54.164	ug/l		97

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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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