Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
Data File : VY017412.D
Acq On : 19 Feb 2024 18:35
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 06:09:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 05:58:22 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	181348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	276206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	117939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	219738	141.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 283.680%#			
35) Dibromofluoromethane	7.728	113	251814	155.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 311.500%#			
50) Toluene-d8	10.191	98	995531	158.763	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 317.520%#			
62) 4-Bromofluorobenzene	12.489	95	315366	147.313	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 294.620%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	198243	137.090	ug/l	99
3) Chloromethane	2.119	50	367970	124.683	ug/l	98
4) Vinyl Chloride	2.253	62	506535	131.826	ug/l	100
5) Bromomethane	2.644	94	404598	149.518	ug/l	97
6) Chloroethane	2.796	64	321530	131.357	ug/l	99
7) Trichlorofluoromethane	3.125	101	481527	146.122	ug/l	97
8) Diethyl Ether	3.540	74	137088	147.184	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	273413	143.544	ug/l	100
10) Methyl Iodide	4.101	142	336915	166.210	ug/l	99
11) Tert butyl alcohol	4.966	59	77173	640.655	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	263472	147.165	ug/l	98
13) Acrolein	3.735	56	112622	698.654	ug/l	99
14) Allyl chloride	4.491	41	321476	148.146	ug/l	98
15) Acrylonitrile	5.174	53	263096	710.496	ug/l	99
16) Acetone	3.954	43	222639	663.567	ug/l	95
17) Carbon Disulfide	4.204	76	807363	141.949	ug/l	98
18) Methyl Acetate	4.485	43	111461	146.499	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	625538	154.682	ug/l	98
20) Methylene Chloride	4.729	84	284733	150.282	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	313878	151.579	ug/l	97
22) Diisopropyl ether	6.131	45	745031	149.277	ug/l	96
23) Vinyl Acetate	6.076	43	2252569	759.428	ug/l	99
24) 1,1-Dichloroethane	6.027	63	492623	145.586	ug/l	100
25) 2-Butanone	6.997	43	340341	722.643	ug/l	100
26) 2,2-Dichloropropane	6.997	77	440864	151.419	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	354313	154.055	ug/l	99
28) Bromochloromethane	7.344	49	177286	139.642	ug/l	95
29) Tetrahydrofuran	7.356	42	202112	730.013	ug/l	97
30) Chloroform	7.521	83	521817	146.087	ug/l	100
31) Cyclohexane	7.795	56	436398	142.291	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	474471	150.389	ug/l	98
36) 1,1-Dichloropropene	7.929	75	424840	157.331	ug/l	100
37) Ethyl Acetate	7.088	43	141701	144.116	ug/l #	96
38) Carbon Tetrachloride	7.911	117	431307	160.428	ug/l	99
39) Methylcyclohexane	9.197	83	549663	166.295	ug/l	98
40) Benzene	8.173	78	1234792	156.513	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.320	41	73046	152.122	ug/l		96
42) 1,2-Dichloroethane	8.246	62	287368	150.058	ug/l		99
43) Isopropyl Acetate	8.283	43	278844	156.933	ug/l		99
44) Trichloroethene	8.954	130	340334	159.147	ug/l		99
45) 1,2-Dichloropropane	9.228	63	286406	157.046	ug/l		99
46) Dibromomethane	9.313	93	161075	155.393	ug/l		99
47) Bromodichloromethane	9.508	83	399050	156.576	ug/l		97
48) Methyl methacrylate	9.301	41	132806	159.305	ug/l		97
49) 1,4-Dioxane	9.307	88	35580	3281.827	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.081	43	744572	777.694	ug/l		98
52) Toluene	10.252	92	815674	165.609	ug/l		98
53) t-1,3-Dichloropropene	10.472	75	393989	166.953	ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	467464	161.457	ug/l		98
55) 1,1,2-Trichloroethane	10.654	97	223488	156.698	ug/l		97
56) Ethyl methacrylate	10.520	69	280976	148.265	ug/l		98
57) 1,3-Dichloropropane	10.801	76	365985	155.091	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.795	63	743647	872.647	ug/l		98
59) 2-Hexanone	10.837	43	522828	792.822	ug/l		96
60) Dibromochloromethane	10.996	129	277942	163.939	ug/l		99
61) 1,2-Dibromoethane	11.099	107	212170	159.010	ug/l		99
64) Tetrachloroethene	10.728	164	307061	157.152	ug/l		98
65) Chlorobenzene	11.526	112	823458	156.562	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.599	131	323331	165.081	ug/l		99
67) Ethyl Benzene	11.599	91	1595190	169.577	ug/l		96
68) m/p-Xylenes	11.709	106	1254875	339.345	ug/l		99
69) o-Xylene	12.038	106	588134	173.363	ug/l		98
70) Styrene	12.051	104	981135	176.085	ug/l		99
71) Bromoform	12.215	173	167893	164.754	ug/l	#	98
73) Isopropylbenzene	12.337	105	1486238	163.143	ug/l		99
74) N-amyl acetate	12.148	43	251894	158.799	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	241210	148.145	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	166873m	145.532	ug/l		
77) Bromobenzene	12.617	156	339092	158.707	ug/l		97
78) n-propylbenzene	12.678	91	1754805	159.250	ug/l		99
79) 2-Chlorotoluene	12.764	91	955891	157.545	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	1190736	163.411	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	78762	160.589	ug/l		96
82) 4-Chlorotoluene	12.861	91	991982	158.435	ug/l		99
83) tert-Butylbenzene	13.081	119	1037160	162.999	ug/l		98
84) 1,2,4-Trimethylbenzene	13.124	105	1189575	164.786	ug/l		100
85) sec-Butylbenzene	13.258	105	1542159	157.797	ug/l		99
86) p-Isopropyltoluene	13.373	119	1343708	166.931	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	699539	162.124	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	644543	154.707	ug/l		98
89) n-Butylbenzene	13.703	91	1168826	159.655	ug/l		99
90) Hexachloroethane	13.965	117	241726	153.256	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	562319	154.828	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30139	146.447	ug/l		97
93) 1,2,4-Trichlorobenzene	15.013	180	305838	161.051	ug/l		99
94) Hexachlorobutadiene	15.117	225	168723	146.084	ug/l		99
95) Naphthalene	15.239	128	545775	147.324	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	251833	157.739	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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