Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
Data File : VY012416.D
Acq On : 31 Jan 2023 13:37
Operator : KP/MD
Sample : MDL06
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 01 04:01:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 01 04:00:32 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
MDL06

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	150002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62270	44.651	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.300%			
35) Dibromofluoromethane	7.716	113	55616	45.058	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.120%			
50) Toluene-d8	10.179	98	197750	40.618	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 81.240%			
62) 4-Bromofluorobenzene	12.483	95	73293	42.123	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	3545	2.704	ug/l	93
3) Chloromethane	2.113	50	3527	2.915	ug/l	89
4) Vinyl Chloride	2.253	62	3918	2.774	ug/l	92
5) Bromomethane	2.656	94	3728	3.414	ug/l	97
6) Chloroethane	2.796	64	2588	2.809	ug/l	100
7) Trichlorofluoromethane	3.131	101	7824	2.838	ug/l	95
8) Diethyl Ether	3.534	74	2214	2.699	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	3792	2.826	ug/l	91
10) Methyl Iodide	4.088	142	4490	2.202	ug/l	96
11) Tert butyl alcohol	4.942	59	4651	27.382	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	3765	2.733	ug/l #	75
13) Acrolein	3.735	56	840	11.988	ug/l	87
14) Allyl chloride	4.485	41	4245	2.492	ug/l #	81
15) Acrylonitrile	5.161	53	4961	13.846	ug/l #	89
16) Acetone	3.948	43	4960	11.875	ug/l	91
17) Carbon Disulfide	4.192	76	11512	2.702	ug/l #	94
18) Methyl Acetate	4.485	43	3174	3.396	ug/l #	78
19) Methyl tert-butyl Ether	5.228	73	10309	2.684	ug/l #	87
20) Methylene Chloride	4.716	84	11438	5.004	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	4194	2.728	ug/l	88
22) Diisopropyl ether	6.125	45	8360	2.462	ug/l #	91
23) Vinyl Acetate	6.058	43	23454	11.083	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	6479	2.751	ug/l #	92
25) 2-Butanone	6.996	43	5603	12.151	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	7700	3.011	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	4556	2.698	ug/l	98
28) Bromochloromethane	7.332	49	1764	3.429	ug/l #	62
29) Tetrahydrofuran	7.356	42	3160	12.476	ug/l #	79
30) Chloroform	7.502	83	7606	2.735	ug/l	96
31) Cyclohexane	7.783	56	7951	3.636	ug/l #	72
32) 1,1,1-Trichloroethane	7.704	97	7338	2.666	ug/l	99
36) 1,1-Dichloropropene	7.923	75	5734	2.733	ug/l	98
37) Ethyl Acetate	7.070	43	2313	2.501	ug/l #	92
38) Carbon Tetrachloride	7.899	117	7342	2.710	ug/l	99
39) Methylcyclohexane	9.179	83	6912	2.696	ug/l	93
40) Benzene	8.161	78	17075	2.820	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.307	41	1140	2.097	ug/l	#	100
42) 1,2-Dichloroethane	8.234	62	5511	2.859	ug/l		98
43) Isopropyl Acetate	8.271	43	4266	2.480	ug/l	#	93
44) Trichloroethene	8.941	130	5127	2.833	ug/l		95
45) 1,2-Dichloropropane	9.215	63	3321	2.629	ug/l		95
46) Dibromomethane	9.307	93	2429	2.872	ug/l		95
47) Bromodichloromethane	9.496	83	6017	2.826	ug/l		97
48) Methyl methacrylate	9.295	41	1805	2.277	ug/l	#	84
49) 1,4-Dioxane	9.295	88	593	51.455	ug/l	#	60
51) 4-Methyl-2-Pentanone	10.069	43	10234	11.155	ug/l		95
52) Toluene	10.246	92	11291	2.801	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	5649	2.537	ug/l		96
54) cis-1,3-Dichloropropene	9.929	75	6092	2.540	ug/l		100
55) 1,1,2-Trichloroethane	10.642	97	3121	2.597	ug/l		95
56) Ethyl methacrylate	10.514	69	3790	2.404	ug/l	#	88
57) 1,3-Dichloropropane	10.788	76	5364	2.733	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.782	63	7107	13.625	ug/l	#	86
59) 2-Hexanone	10.831	43	7540	10.795	ug/l		95
60) Dibromochloromethane	10.983	129	4327	2.715	ug/l		98
61) 1,2-Dibromoethane	11.087	107	2933	2.530	ug/l		96
64) Tetrachloroethene	10.721	164	5787	3.006	ug/l		93
65) Chlorobenzene	11.514	112	12552	2.908	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	4735	2.906	ug/l		98
67) Ethyl Benzene	11.593	91	20762	2.692	ug/l		98
68) m/p-Xylenes	11.703	106	16722	5.483	ug/l		98
69) o-Xylene	12.032	106	7906	2.714	ug/l		90
70) Styrene	12.044	104	12627	2.594	ug/l		98
71) Bromoform	12.209	173	2788	2.679	ug/l	#	98
73) Isopropylbenzene	12.331	105	20111	2.612	ug/l		96
74) N-amyl acetate	12.142	43	3272	2.168	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.581	83	3545	2.923	ug/l		97
76) 1,2,3-Trichloropropane	12.630	75	2279m	2.321	ug/l		
77) Bromobenzene	12.611	156	5549	2.995	ug/l		88
78) n-propylbenzene	12.672	91	24925	2.766	ug/l		95
79) 2-Chlorotoluene	12.758	91	13959	2.740	ug/l		94
80) 1,3,5-Trimethylbenzene	12.812	105	18204	2.720	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	1255	2.634	ug/l		93
82) 4-Chlorotoluene	12.855	91	15143	2.830	ug/l		95
83) tert-Butylbenzene	13.075	119	15445	2.648	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	16573	2.511	ug/l		97
85) sec-Butylbenzene	13.251	105	22903	2.757	ug/l		96
86) p-Isopropyltoluene	13.367	119	18715	2.579	ug/l		97
87) 1,3-Dichlorobenzene	13.367	146	11182	3.035	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	11381	3.097	ug/l		89
89) n-Butylbenzene	13.696	91	16667	2.650	ug/l		98
90) Hexachloroethane	13.959	117	3688	2.815	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	9998	3.041	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	711	2.837	ug/l		94
93) 1,2,4-Trichlorobenzene	15.007	180	5855	2.779	ug/l		99
94) Hexachlorobutadiene	15.111	225	3854	3.038	ug/l		98
95) Naphthalene	15.233	128	10563	2.540	ug/l		97
96) 1,2,3-Trichlorobenzene	15.428	180	4942	2.726	ug/l		96

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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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