Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
Data File : VY020451.D
Acq On : 26 Nov 2024 16:04
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 27 01:42:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	143528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	229667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	197183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	80728	48.957	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.920%			
35) Dibromofluoromethane	7.634	113	73283	49.761	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.520%			
50) Toluene-d8	10.109	98	291487	50.246	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.407	95	98806	52.982	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	40512	29.079	ug/l	99
3) Chloromethane	2.068	50	34909	15.990	ug/l	97
4) Vinyl Chloride	2.208	62	35055	18.341	ug/l	95
5) Bromomethane	2.592	94	20520	21.497	ug/l	94
6) Chloroethane	2.732	64	21557	19.335	ug/l	98
7) Trichlorofluoromethane	3.062	101	68106	25.643	ug/l	96
8) Diethyl Ether	3.458	74	19525	23.299	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	38818	24.541	ug/l	97
10) Methyl Iodide	4.007	142	45622	21.533	ug/l	93
11) Tert butyl alcohol	4.860	59	14177	111.137	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	36086	23.048	ug/l	92
13) Acrolein	3.659	56	15605	152.831	ug/l	94
14) Allyl chloride	4.385	41	65412	21.605	ug/l	97
15) Acrylonitrile	5.055	53	43295	116.874	ug/l	99
16) Acetone	3.866	43	47054	119.032	ug/l	98
17) Carbon Disulfide	4.110	76	102893	19.506	ug/l	98
18) Methyl Acetate	4.385	43	19666	21.342	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	100222	24.641	ug/l	93
20) Methylene Chloride	4.616	84	39791	23.770	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	40408	23.237	ug/l	93
22) Diisopropyl ether	6.024	45	136441	22.867	ug/l	99
23) Vinyl Acetate	5.963	43	378469	113.505	ug/l	100
24) 1,1-Dichloroethane	5.921	63	78896	23.423	ug/l	99
25) 2-Butanone	6.896	43	63514	124.803	ug/l	97
26) 2,2-Dichloropropane	6.890	77	73987	26.575	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	48325	25.230	ug/l	98
28) Bromochloromethane	7.244	49	27374	19.309	ug/l	95
29) Tetrahydrofuran	7.268	42	35850	117.863	ug/l	99
30) Chloroform	7.427	83	81908	25.182	ug/l	96
31) Cyclohexane	7.701	56	68018	22.128	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	77278	27.058	ug/l	98
36) 1,1-Dichloropropene	7.841	75	59650	26.519	ug/l	99
37) Ethyl Acetate	6.988	43	25497	24.745	ug/l	98
38) Carbon Tetrachloride	7.817	117	70901	30.190	ug/l	96
39) Methylcyclohexane	9.109	83	73012	25.936	ug/l	96
40) Benzene	8.079	78	173204	26.276	ug/l	98

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.225	41	13946	23.787 ug/l	#	91
42) 1,2-Dichloroethane	8.158	62	48777	27.414 ug/l		97
43) Isopropyl Acetate	8.201	43	51710	25.806 ug/l	#	87
44) Trichloroethene	8.865	130	42654	27.311 ug/l		99
45) 1,2-Dichloropropane	9.140	63	41061	26.108 ug/l		97
46) Dibromomethane	9.231	93	20976	26.022 ug/l		96
47) Bromodichloromethane	9.420	83	61448	27.614 ug/l		99
48) Methyl methacrylate	9.219	41	23799	24.842 ug/l		98
49) 1,4-Dioxane	9.225	88	4497	542.260 ug/l	#	95
51) 4-Methyl-2-Pentanone	9.999	43	129470	127.317 ug/l		99
52) Toluene	10.170	92	109199	27.103 ug/l		99
53) t-1,3-Dichloropropene	10.396	75	55549	26.398 ug/l		96
54) cis-1,3-Dichloropropene	9.859	75	65669	27.262 ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	28409	26.551 ug/l		95
56) Ethyl methacrylate	10.438	69	40721	25.341 ug/l		94
57) 1,3-Dichloropropane	10.719	76	51509	26.786 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	79804	104.737 ug/l		98
59) 2-Hexanone	10.761	43	95878	133.149 ug/l		98
60) Dibromochloromethane	10.914	129	38804	28.136 ug/l		98
61) 1,2-Dibromoethane	11.017	107	25986	26.208 ug/l		99
64) Tetrachloroethene	10.646	164	37793	26.589 ug/l		91
65) Chlorobenzene	11.438	112	114164	25.967 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	41364	28.164 ug/l		98
67) Ethyl Benzene	11.517	91	212272	26.171 ug/l		98
68) m/p-Xylenes	11.627	106	156944	53.719 ug/l		98
69) o-Xylene	11.956	106	74385	26.844 ug/l		96
70) Styrene	11.969	104	125842	27.333 ug/l		98
71) Bromoform	12.133	173	21999	28.740 ug/l	#	99
73) Isopropylbenzene	12.255	105	207997	26.231 ug/l		99
74) N-amyl acetate	12.072	43	45621	23.808 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	31352	24.464 ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	24140m	27.362 ug/l		
77) Bromobenzene	12.529	156	44038	26.508 ug/l		99
78) n-propylbenzene	12.596	91	247082	25.964 ug/l		98
79) 2-Chlorotoluene	12.682	91	141141	25.795 ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	166258	25.944 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	10949	24.317 ug/l		98
82) 4-Chlorotoluene	12.779	91	145889	25.835 ug/l		98
83) tert-Butylbenzene	12.999	119	155164	27.437 ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	178785	28.140 ug/l		96
85) sec-Butylbenzene	13.176	105	223395	25.057 ug/l		99
86) p-Isopropyltoluene	13.291	119	185307	26.882 ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	86483	25.746 ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	87087	27.134 ug/l		99
89) n-Butylbenzene	13.621	91	175626	26.605 ug/l		99
90) Hexachloroethane	13.883	117	35281	26.518 ug/l		98
91) 1,2-Dichlorobenzene	13.663	146	77505	27.693 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5108	24.290 ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	46785	27.647 ug/l		98
94) Hexachlorobutadiene	15.029	225	30809	29.827 ug/l		100
95) Naphthalene	15.145	128	81494	27.963 ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	39956	27.615 ug/l		99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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