Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
Data File : VY016656.D
Acq On : 15 Dec 2023 15:50
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 00:07:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 15 23:53:28 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	201335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	126947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12803	8.062	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	16.120%#		
35) Dibromofluoromethane	7.722	113	15341	8.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	17.540%#		
50) Toluene-d8	10.191	98	46116	8.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	16.960%#		
62) 4-Bromofluorobenzene	12.489	95	18965	8.457	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	16.920%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	16344	10.416	ug/l	90
3) Chloromethane	2.119	50	26700	10.919	ug/l	98
4) Vinyl Chloride	2.259	62	30141	10.738	ug/l	95
5) Bromomethane	2.662	94	21784	10.843	ug/l	95
6) Chloroethane	2.802	64	19576	10.722	ug/l	96
7) Trichlorofluoromethane	3.131	101	34434	10.983	ug/l	99
8) Diethyl Ether	3.534	74	10065	10.277	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	21063	10.863	ug/l	94
10) Methyl Iodide	4.101	142	19445	9.636	ug/l	96
11) Tert butyl alcohol	4.954	59	8481	63.829	ug/l	99
12) 1,1-Dichloroethene	3.881	96	19863	10.866	ug/l	89
13) Acrolein	3.735	56	7916	67.013	ug/l	100
14) Allyl chloride	4.491	41	26229	10.583	ug/l #	94
15) Acrylonitrile	5.180	53	21988	53.952	ug/l	99
16) Acetone	3.948	43	33063	64.035	ug/l	94
17) Carbon Disulfide	4.204	76	62327	10.781	ug/l	99
18) Methyl Acetate	4.485	43	16816	10.936	ug/l #	87
19) Methyl tert-butyl Ether	5.228	73	43780	10.215	ug/l	97
20) Methylene Chloride	4.729	84	31050	10.935	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	22404	10.520	ug/l	93
22) Diisopropyl ether	6.131	45	55435	10.437	ug/l #	92
23) Vinyl Acetate	6.070	43	137343	52.477	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	37978	10.957	ug/l	94
25) 2-Butanone	6.996	43	41648	64.389	ug/l	96
26) 2,2-Dichloropropane	6.990	77	32522	10.568	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	24271	10.553	ug/l	91
28) Bromochloromethane	7.344	49	9537	10.198	ug/l	98
29) Tetrahydrofuran	7.362	42	17483	54.621	ug/l #	90
30) Chloroform	7.515	83	38663	10.726	ug/l	94
31) Cyclohexane	7.795	56	36726	11.298	ug/l #	80
32) 1,1,1-Trichloroethane	7.710	97	34901	10.792	ug/l	98
36) 1,1-Dichloropropene	7.929	75	30794	10.624	ug/l	99
37) Ethyl Acetate	7.088	43	13280	11.118	ug/l #	94
38) Carbon Tetrachloride	7.911	117	30378	10.434	ug/l	93
39) Methylcyclohexane	9.191	83	37040	10.168	ug/l	93
40) Benzene	8.173	78	89528	10.539	ug/l	99

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41) Methacrylonitrile	7.320	41	6279m	9.900	ug/l		
42) 1,2-Dichloroethane	8.246	62	23241	10.705	ug/l		94
43) Isopropyl Acetate	8.283	43	23370	10.646	ug/l		93
44) Trichloroethene	8.947	130	25251	10.673	ug/l		97
45) 1,2-Dichloropropane	9.222	63	20727	10.444	ug/l		99
46) Dibromomethane	9.313	93	11274	10.272	ug/l		99
47) Bromodichloromethane	9.508	83	28914	10.427	ug/l		99
48) Methyl methacrylate	9.301	41	12757	10.495	ug/l		88
49) 1,4-Dioxane	9.313	88	2527	214.945	ug/l	#	52
51) 4-Methyl-2-Pentanone	10.075	43	60791	52.802	ug/l		91
52) Toluene	10.252	92	54151	10.177	ug/l		95
53) t-1,3-Dichloropropene	10.471	75	26932	10.295	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	31958	10.161	ug/l		91
55) 1,1,2-Trichloroethane	10.654	97	16132	10.461	ug/l		98
56) Ethyl methacrylate	10.520	69	12627	9.444	ug/l	#	89
57) 1,3-Dichloropropane	10.801	76	26945	10.499	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.789	63	36979	50.607	ug/l		94
59) 2-Hexanone	10.843	43	59062	62.530	ug/l		90
60) Dibromochloromethane	10.996	129	19480	10.423	ug/l		100
61) 1,2-Dibromoethane	11.099	107	15237	10.528	ug/l		97
64) Tetrachloroethene	10.727	164	24080	10.421	ug/l		95
65) Chlorobenzene	11.526	112	57678	10.484	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.599	131	20242	10.060	ug/l		95
67) Ethyl Benzene	11.599	91	99587	10.062	ug/l		98
68) m/p-Xylenes	11.709	106	76482	20.030	ug/l		93
69) o-Xylene	12.038	106	34967	10.012	ug/l		93
70) Styrene	12.050	104	49969	9.875	ug/l		96
71) Bromoform	12.215	173	10919	10.007	ug/l	#	98
73) Isopropylbenzene	12.337	105	91862	10.288	ug/l		100
74) N-amyl acetate	12.148	43	17169	10.259	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.587	83	17306	11.392	ug/l		99
76) 1,2,3-Trichloropropane	12.642	75	13901m	12.008	ug/l		
77) Bromobenzene	12.617	156	21475	10.265	ug/l		96
78) n-propylbenzene	12.678	91	109855	10.293	ug/l		100
79) 2-Chlorotoluene	12.764	91	61484	10.491	ug/l		100
80) 1,3,5-Trimethylbenzene	12.819	105	72532	10.159	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.386	75	5453	10.716	ug/l		93
82) 4-Chlorotoluene	12.861	91	62753	10.354	ug/l		97
83) tert-Butylbenzene	13.081	119	62388	10.014	ug/l		97
84) 1,2,4-Trimethylbenzene	13.129	105	71091	10.040	ug/l		98
85) sec-Butylbenzene	13.264	105	94360	10.322	ug/l		100
86) p-Isopropyltoluene	13.379	119	77347	9.910	ug/l		98
87) 1,3-Dichlorobenzene	13.373	146	41319	10.162	ug/l		99
88) 1,4-Dichlorobenzene	13.453	146	41287	10.326	ug/l		96
89) n-Butylbenzene	13.703	91	73320	10.112	ug/l		99
90) Hexachloroethane	13.971	117	16279	10.479	ug/l		87
91) 1,2-Dichlorobenzene	13.745	146	35932	10.299	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2370	10.779	ug/l		93
93) 1,2,4-Trichlorobenzene	15.013	180	17242	9.149	ug/l		96
94) Hexachlorobutadiene	15.117	225	11800	10.431	ug/l		97
95) Naphthalene	15.245	128	28806	9.534	ug/l		99
96) 1,2,3-Trichlorobenzene	15.434	180	14085	9.066	ug/l		99

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

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