Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
Data File : VY004729.D
Acq On : 10 May 2021 15:08
Operator : SY/MD
Sample : VY0510SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

Manual Integrations APPROVED
MMDadoda
5/11/2021 10:35:59 AM

Quant Time: May 11 04:18:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	194428	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	312552	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	287354	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139060	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	110601	47.79	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.58%				
35) Dibromofluoromethane	7.722	113	87036	50.87	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.74%				
50) Toluene-d8	10.179	98	372771	48.23	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.46%				
62) 4-Bromofluorobenzene	12.483	95	122879	47.10	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	37996	21.34	ug/l		97
3) Chloromethane	2.119	50	56487	19.58	ug/l		97
4) Vinyl Chloride	2.253	62	58940	19.96	ug/l		99
5) Bromomethane	2.650	94	32656	21.69	ug/l		97
6) Chloroethane	2.796	64	36375	20.88	ug/l		98
7) Trichlorofluoromethane	3.131	101	74223	21.18	ug/l		93
8) Diethyl Ether	3.534	74	25411	20.52	ug/l		95
9) 1,1,2-Trichlorotrifluo...	3.906	101	40500	20.37	ug/l		100
10) Methyl Iodide	4.095	142	43549	20.48	ug/l		99
11) Tert butyl alcohol	4.972	59	23697	101.89	ug/l	#	83
12) 1,1-Dichloroethene	3.875	96	39152	20.37	ug/l		96
13) Acrolein	3.735	56	28119	102.84	ug/l		99
14) Allyl chloride	4.485	41	73755	19.64	ug/l		99
15) Acrylonitrile	5.174	53	60809	97.96	ug/l		98
16) Acetone	3.954	43	50986	98.09	ug/l		97
17) Carbon Disulfide	4.198	76	122560	20.88	ug/l		98
18) Methyl Acetate	4.485	43	32457	19.58	ug/l		99
19) Methyl tert-butyl Ether	5.228	73	106264	20.10	ug/l		99
20) Methylene Chloride	4.722	84	73844	26.66	ug/l		98
21) trans-1,2-Dichloroethene	5.228	96	44119	20.21	ug/l		99
22) Diisopropyl ether	6.131	45	142135	19.68	ug/l		97
23) Vinyl Acetate	6.064	43	538283	99.22	ug/l		100
24) 1,1-Dichloroethane	6.027	63	81175	19.97	ug/l		99
25) 2-Butanone	6.996	43	90691	98.20	ug/l		99
26) 2,2-Dichloropropane	6.990	77	72991	20.56	ug/l		99
27) cis-1,2-Dichloroethene	6.990	96	48098	19.84	ug/l		99
28) Bromochloromethane	7.338	49	38667	19.47	ug/l		100
29) Tetrahydrofuran	7.356	42	58255	98.89	ug/l		99
30) Chloroform	7.515	83	80970	20.22	ug/l		99
31) Cyclohexane	7.789	56	72851	19.45	ug/l	#	94
32) 1,1,1-Trichloroethane	7.704	97	72274	20.13	ug/l		99
36) 1,1-Dichloropropene	7.917	75	64898	20.26	ug/l		99
37) Ethyl Acetate	7.082	43	43975	20.03	ug/l		99
38) Carbon Tetrachloride	7.905	117	58486	20.31	ug/l		98
39) Methylcyclohexane	9.185	83	69497	19.90	ug/l		97
40) Benzene	8.167	78	182791	20.19	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.313	41	19965	16.64	ug/l	#	100
42) 1,2-Dichloroethane	8.246	62	58702	20.53	ug/l		99
43) Isopropyl Acetate	8.277	43	81033	19.89	ug/l		100
44) Trichloroethene	8.941	130	48816	20.05	ug/l		94
45) 1,2-Dichloropropane	9.216	63	47316	19.97	ug/l		95
46) Dibromomethane	9.307	93	26102	19.81	ug/l		98
47) Bromodichloromethane	9.496	83	62386	19.96	ug/l		99
48) Methyl methacrylate	9.295	41	36288	19.57	ug/l		99
49) 1,4-Dioxane	9.301	88	6243	402.44	ug/l		97
51) 4-Methyl-2-Pentanone	10.075	43	216676	98.83	ug/l		99
52) Toluene	10.246	92	113955	19.93	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	68303	19.73	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	77152	20.03	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	35429	19.54	ug/l		98
56) Ethyl methacrylate	10.514	69	51751	19.74	ug/l		100
57) 1,3-Dichloropropane	10.795	76	64912	20.14	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.783	63	133722	98.80	ug/l		98
59) 2-Hexanone	10.837	43	148283	99.81	ug/l		99
60) Dibromochloromethane	10.990	129	41942	19.45	ug/l		100
61) 1,2-Dibromoethane	11.093	107	34789	19.90	ug/l		98
64) Tetrachloroethene	10.721	164	52543	20.24	ug/l		97
65) Chlorobenzene	11.520	112	119788	20.26	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	42959	19.98	ug/l		99
67) Ethyl Benzene	11.593	91	219232	19.95	ug/l		99
68) m/p-Xylenes	11.703	106	163991	39.72	ug/l		98
69) o-Xylene	12.032	106	76822	19.91	ug/l		100
70) Styrene	12.044	104	127956	19.78	ug/l		99
71) Bromoform	12.209	173	25660	19.70	ug/l	#	97
73) Isopropylbenzene	12.331	105	211038	20.12	ug/l		100
74) N-amyl acetate	12.148	43	72726	19.61	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40815	19.50	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	30145m	20.41	ug/l		
77) Bromobenzene	12.611	156	47766	20.16	ug/l		98
78) n-propylbenzene	12.672	91	256706	20.05	ug/l		99
79) 2-Chlorotoluene	12.758	91	140920	20.06	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	177313	20.35	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	16255	19.08	ug/l	#	77
82) 4-Chlorotoluene	12.855	91	147526	20.22	ug/l		99
83) tert-Butylbenzene	13.075	119	151119	20.32	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	174783	20.04	ug/l		100
85) sec-Butylbenzene	13.258	105	217907	20.15	ug/l		100
86) p-Isopropyltoluene	13.373	119	190620	20.34	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	91768	19.75	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	92603	20.23	ug/l		99
89) n-Butylbenzene	13.703	91	183197	19.99	ug/l		100
90) Hexachloroethane	13.965	117	26148	19.81	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	80559	19.66	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7967	20.37	ug/l		97
93) 1,2,4-Trichlorobenzene	15.013	180	53216	20.16	ug/l		99
94) Hexachlorobutadiene	15.117	225	29478	20.61	ug/l		99
95) Naphthalene	15.239	128	114166	19.98	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	47123	20.17	ug/l		98

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

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