Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
Data File : VY006427.D
Acq On : 21 Oct 2021 15:59
Operator : SY/MD
Sample : VY1021SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Manual Integrations APPROVED
MMDadoda
10/22/2021 7:08:33 PM

Quant Time: Oct 22 03:37:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	123074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66683	50.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.722	113	47849	47.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.740%			
50) Toluene-d8	10.185	98	192771	45.603	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.200%			
62) 4-Bromofluorobenzene	12.483	95	68578	47.756	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	29044	23.265	ug/l	94
3) Chloromethane	2.119	50	38051	26.169	ug/l	93
4) Vinyl Chloride	2.253	62	42018	26.074	ug/l	99
5) Bromomethane	2.643	94	29445	28.114	ug/l	97
6) Chloroethane	2.796	64	26063	27.487	ug/l	98
7) Trichlorofluoromethane	3.131	101	52790	24.870	ug/l	97
8) Diethyl Ether	3.540	74	16938	24.159	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	26723	23.583	ug/l	98
10) Methyl Iodide	4.101	142	23868	19.328	ug/l	96
11) Tert butyl alcohol	4.954	59	17997	156.188	ug/l	96
12) 1,1-Dichloroethene	3.881	96	26050	22.599	ug/l	97
13) Acrolein	3.741	56	4051	64.417	ug/l	95
14) Allyl chloride	4.485	41	50169	22.632	ug/l	97
15) Acrylonitrile	5.167	53	49406	133.981	ug/l	99
16) Acetone	3.954	43	50611	137.564	ug/l	91
17) Carbon Disulfide	4.198	76	81901	21.244	ug/l	98
18) Methyl Acetate	4.485	43	34159	27.535	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	85099	25.280	ug/l	96
20) Methylene Chloride	4.722	84	39295	29.445	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	29688	23.231	ug/l	96
22) Diisopropyl ether	6.125	45	105998	24.170	ug/l	98
23) Vinyl Acetate	6.070	43	326053	124.038	ug/l	99
24) 1,1-Dichloroethane	6.027	63	55259	23.471	ug/l	100
25) 2-Butanone	6.990	43	69498	135.608	ug/l	96
26) 2,2-Dichloropropane	6.984	77	52457	24.365	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	33347	23.299	ug/l	98
28) Bromochloromethane	7.338	49	22686	23.142	ug/l #	16
29) Tetrahydrofuran	7.356	42	43643	134.820	ug/l	98
30) Chloroform	7.508	83	57290	24.394	ug/l	93
31) Cyclohexane	7.789	56	55311	22.163	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	54063	24.930	ug/l	98
36) 1,1-Dichloropropene	7.923	75	43176	22.954	ug/l	99
37) Ethyl Acetate	7.076	43	29704	27.108	ug/l	99
38) Carbon Tetrachloride	7.899	117	46991	23.659	ug/l	99
39) Methylcyclohexane	9.185	83	52300	22.136	ug/l	99
40) Benzene	8.167	78	123388	23.122	ug/l	99

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41) Methacrylonitrile	7.326	41	18361m	25.832	ug/l		
42) 1,2-Dichloroethane	8.240	62	44119	25.659	ug/l		100
43) Isopropyl Acetate	8.277	43	55398	26.359	ug/l		99
44) Trichloroethene	8.941	130	33221	24.104	ug/l		99
45) 1,2-Dichloropropane	9.222	63	30483	23.203	ug/l		99
46) Dibromomethane	9.307	93	16886	24.139	ug/l		97
47) Bromodichloromethane	9.502	83	44265	24.575	ug/l		94
48) Methyl methacrylate	9.295	41	25081	24.876	ug/l		95
49) 1,4-Dioxane	9.307	88	5032	551.336	ug/l		96
51) 4-Methyl-2-Pentanone	10.069	43	146612	134.352	ug/l		99
52) Toluene	10.246	92	77909	23.537	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	47143	24.005	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	51577	23.890	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	24307	24.694	ug/l		99
56) Ethyl methacrylate	10.514	69	36431	24.350	ug/l		97
57) 1,3-Dichloropropane	10.788	76	42698	23.972	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.782	63	88663	120.948	ug/l		99
59) 2-Hexanone	10.831	43	108211	139.228	ug/l		99
60) Dibromochloromethane	10.983	129	29482	24.653	ug/l		100
61) 1,2-Dibromoethane	11.087	107	22500	24.142	ug/l		99
64) Tetrachloroethene	10.721	164	37286	26.484	ug/l		96
65) Chlorobenzene	11.514	112	80675	23.292	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30747	24.088	ug/l		100
67) Ethyl Benzene	11.593	91	151473	23.201	ug/l		99
68) m/p-Xylenes	11.703	106	115492	46.616	ug/l		99
69) o-Xylene	12.032	106	55294	23.631	ug/l		97
70) Styrene	12.044	104	94404	23.757	ug/l		99
71) Bromoform	12.209	173	20154	25.390	ug/l	#	96
73) Isopropylbenzene	12.331	105	149031	22.807	ug/l		100
74) N-amyl acetate	12.142	43	49412	24.363	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.581	83	26378	22.352	ug/l		98
76) 1,2,3-Trichloropropane	12.629	75	19753m	22.278	ug/l		
77) Bromobenzene	12.611	156	35987	23.489	ug/l		94
78) n-propylbenzene	12.672	91	182106	22.640	ug/l		100
79) 2-Chlorotoluene	12.758	91	100872	22.663	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	125687	23.003	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	11091	24.582	ug/l		98
82) 4-Chlorotoluene	12.855	91	105492	22.916	ug/l		100
83) tert-Butylbenzene	13.075	119	107185	22.946	ug/l		98
84) 1,2,4-Trimethylbenzene	13.117	105	124630	23.100	ug/l		100
85) sec-Butylbenzene	13.251	105	161712	22.907	ug/l		99
86) p-Isopropyltoluene	13.367	119	137402	23.065	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	70680	23.285	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	69871	23.345	ug/l		100
89) n-Butylbenzene	13.696	91	129153	22.817	ug/l		99
90) Hexachloroethane	13.959	117	24647	22.783	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	62851	23.679	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5685	25.286	ug/l		92
93) 1,2,4-Trichlorobenzene	15.007	180	42046	23.972	ug/l		100
94) Hexachlorobutadiene	15.111	225	26894	23.504	ug/l		98
95) Naphthalene	15.239	128	83137	23.857	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	36713	23.616	ug/l		99

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

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