Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004680.D
Acq On : 30 Apr 2021 12:21
Operator : SY/MD
Sample : VY0430SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

Manual Integrations APPROVED
MMDadoda
5/3/2021 2:50:14 PM

Quant Time: May 01 00:39:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	165646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	262924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	242147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105707	57.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.88%			
35) Dibromofluoromethane	7.728	113	81395	55.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.56%			
50) Toluene-d8	10.185	98	339852	54.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.52%			
62) 4-Bromofluorobenzene	12.483	95	117391	55.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	34239	22.31	ug/l	98
3) Chloromethane	2.119	50	46646	21.02	ug/l	100
4) Vinyl Chloride	2.259	62	53154	22.68	ug/l	99
5) Bromomethane	2.650	94	26658	23.31	ug/l	98
6) Chloroethane	2.796	64	30210	21.50	ug/l	98
7) Trichlorofluoromethane	3.131	101	60692	20.70	ug/l	99
8) Diethyl Ether	3.540	74	20157	20.35	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	33252	20.45	ug/l	99
10) Methyl Iodide	4.094	142	36141	18.57	ug/l	98
11) Tert butyl alcohol	4.978	59	19883	109.62	ug/l	98
12) 1,1-Dichloroethene	3.875	96	31946	19.87	ug/l	97
13) Acrolein	3.741	56	16322	80.95	ug/l	100
14) Allyl chloride	4.491	41	59847	19.46	ug/l	99
15) Acrylonitrile	5.180	53	55820	105.02	ug/l	96
16) Acetone	3.960	43	44430	102.38	ug/l	99
17) Carbon Disulfide	4.204	76	99105	20.02	ug/l	99
18) Methyl Acetate	4.491	43	26569	20.73	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	96325	19.94	ug/l	97
20) Methylene Chloride	4.728	84	44315	24.93	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	35629	19.58	ug/l	94
22) Diisopropyl ether	6.131	45	126893	19.52	ug/l	96
23) Vinyl Acetate	6.070	43	450059	101.71	ug/l	99
24) 1,1-Dichloroethane	6.027	63	65698	19.78	ug/l	98
25) 2-Butanone	7.002	43	75940	108.32	ug/l	97
26) 2,2-Dichloropropane	6.996	77	58193	19.53	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	39020	19.17	ug/l	98
28) Bromochloromethane	7.344	49	29958	19.85	ug/l	99
29) Tetrahydrofuran	7.362	42	54244	108.30	ug/l	99
30) Chloroform	7.514	83	65327	20.02	ug/l	100
31) Cyclohexane	7.789	56	65277	19.35	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	58824	19.87	ug/l	100
36) 1,1-Dichloropropene	7.929	75	51690	19.78	ug/l	99
37) Ethyl Acetate	7.088	43	38395	22.82	ug/l	98
38) Carbon Tetrachloride	7.905	117	46392	20.54	ug/l	99
39) Methylcyclohexane	9.185	83	61445	19.10	ug/l	99
40) Benzene	8.167	78	147901	20.14	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.325	41	21112m	20.71	ug/l		
42) 1,2-Dichloroethane	8.246	62	48461	21.04	ug/l		99
43) Isopropyl Acetate	8.283	43	67552	21.18	ug/l		99
44) Trichloroethene	8.947	130	40200	20.08	ug/l		95
45) 1,2-Dichloropropane	9.222	63	38130	20.12	ug/l		97
46) Dibromomethane	9.307	93	22066	21.39	ug/l		98
47) Bromodichloromethane	9.502	83	51671	20.69	ug/l		99
48) Methyl methacrylate	9.301	41	30662	20.88	ug/l		96
49) 1,4-Dioxane	9.301	88	6003	445.54	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	180696	110.29	ug/l		98
52) Toluene	10.246	92	90334	19.01	ug/l		97
53) t-1,3-Dichloropropene	10.471	75	57057	20.71	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	61293	19.59	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	29954	21.07	ug/l		98
56) Ethyl methacrylate	10.514	69	41569	20.17	ug/l		97
57) 1,3-Dichloropropane	10.794	76	52704	20.78	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	121396	115.10	ug/l		99
59) 2-Hexanone	10.837	43	123359	112.32	ug/l		98
60) Dibromochloromethane	10.989	129	34908	20.66	ug/l		100
61) 1,2-Dibromoethane	11.093	107	28853	21.05	ug/l		97
64) Tetrachloroethene	10.721	164	43613	20.69	ug/l		100
65) Chlorobenzene	11.520	112	96720	19.57	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	34202	19.39	ug/l		98
67) Ethyl Benzene	11.593	91	174494	18.87	ug/l		98
68) m/p-Xylenes	11.703	106	130377	37.95	ug/l		100
69) o-Xylene	12.032	106	61384	19.07	ug/l		97
70) Styrene	12.050	104	102332	19.19	ug/l		100
71) Bromoform	12.215	173	20869	19.95	ug/l	#	100
73) Isopropylbenzene	12.331	105	167455	18.55	ug/l		100
74) N-amyl acetate	12.148	43	59833	19.69	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	33543	19.64	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	26269m	20.95	ug/l		
77) Bromobenzene	12.611	156	37989	18.78	ug/l		100
78) n-propylbenzene	12.672	91	202272	18.97	ug/l		99
79) 2-Chlorotoluene	12.757	91	109515	18.78	ug/l		99
80) 1,3,5-Trimethylbenzene	12.818	105	140314	19.13	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	13942	19.89	ug/l		97
82) 4-Chlorotoluene	12.855	91	116544	18.93	ug/l		99
83) tert-Butylbenzene	13.081	119	118534	18.88	ug/l		100
84) 1,2,4-Trimethylbenzene	13.123	105	140790	19.02	ug/l		99
85) sec-Butylbenzene	13.257	105	165406	18.88	ug/l		100
86) p-Isopropyltoluene	13.373	119	151770	19.05	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	72671	19.23	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	72710	19.11	ug/l		99
89) n-Butylbenzene	13.702	91	146605	19.28	ug/l		99
90) Hexachloroethane	13.965	117	22296	20.86	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	65313	19.47	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6269	20.46	ug/l		97
93) 1,2,4-Trichlorobenzene	15.013	180	43367	19.55	ug/l		100
94) Hexachlorobutadiene	15.117	225	23234	20.07	ug/l		99
95) Naphthalene	15.239	128	93730	19.44	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	38407	19.63	ug/l		98

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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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