Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004225.D
Acq On : 30 Mar 2021 11:21
Operator : SY/MD
Sample : VY0330SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBSD01

Manual Integrations APPROVED
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3/31/2021 4:20:29 PM

Quant Time: Mar 31 01:42:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	199380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	269203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89149	46.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.02%			
35) Dibromofluoromethane	7.728	113	81436	47.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.42%			
50) Toluene-d8	10.185	98	302836	47.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.34%			
62) 4-Bromofluorobenzene	12.483	95	102614	46.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	34635	20.06	ug/l	98
3) Chloromethane	2.119	50	43883	18.83	ug/l	99
4) Vinyl Chloride	2.259	62	58272	22.43	ug/l	97
5) Bromomethane	2.656	94	27084	18.95	ug/l	97
6) Chloroethane	2.802	64	31318	18.60	ug/l	93
7) Trichlorofluoromethane	3.137	101	65918	19.53	ug/l	100
8) Diethyl Ether	3.540	74	21182	19.55	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.911	101	36650	19.94	ug/l	98
10) Methyl Iodide	4.106	142	39888	18.78	ug/l	99
11) Tert butyl alcohol	4.972	59	16008	102.64	ug/l	98
12) 1,1-Dichloroethene	3.881	96	35597	19.74	ug/l	98
13) Acrolein	3.741	56	18135	133.49	ug/l	97
14) Allyl chloride	4.491	41	56882	19.80	ug/l	99
15) Acrylonitrile	5.173	53	52871	102.54	ug/l	99
16) Acetone	3.954	43	40479	101.37	ug/l	94
17) Carbon Disulfide	4.204	76	87595	18.47	ug/l	99
18) Methyl Acetate	4.497	43	24507	19.17	ug/l	95
19) Methyl tert-butyl Ether	5.240	73	105967	19.89	ug/l	98
20) Methylene Chloride	4.734	84	39366	18.53	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	39367	19.44	ug/l	95
22) Diisopropyl ether	6.131	45	124929	19.80	ug/l	99
23) Vinyl Acetate	6.076	43	422473	99.52	ug/l	99
24) 1,1-Dichloroethane	6.027	63	68534	19.93	ug/l	98
25) 2-Butanone	7.002	43	65435	98.09	ug/l	99
26) 2,2-Dichloropropane	6.990	77	64700	20.11	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	43594	19.02	ug/l	98
28) Bromochloromethane	7.344	49	32520	23.27	ug/l	99
29) Tetrahydrofuran	7.356	42	47699	101.49	ug/l	97
30) Chloroform	7.514	83	71508	19.55	ug/l	96
31) Cyclohexane	7.795	56	64329	18.99	ug/l #	95
32) 1,1,1-Trichloroethane	7.716	97	66161	19.77	ug/l	99
36) 1,1-Dichloropropene	7.929	75	54439	19.47	ug/l	100
37) Ethyl Acetate	7.082	43	33995	20.72	ug/l	99
38) Carbon Tetrachloride	7.905	117	49615	20.40	ug/l	97
39) Methylcyclohexane	9.191	83	67291	19.44	ug/l	97
40) Benzene	8.167	78	153440	19.36	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	16742m	18.42	ug/l		
42) 1,2-Dichloroethane	8.246	62	49754	19.97	ug/l		100
43) Isopropyl Acetate	8.283	43	63582	20.47	ug/l		100
44) Trichloroethene	8.947	130	47796	18.94	ug/l		94
45) 1,2-Dichloropropane	9.221	63	38989	19.90	ug/l		95
46) Dibromomethane	9.313	93	22638	19.65	ug/l		98
47) Bromodichloromethane	9.502	83	53940	19.63	ug/l		99
48) Methyl methacrylate	9.301	41	27562	19.54	ug/l		98
49) 1,4-Dioxane	9.307	88	6489	433.40	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	158814	100.36	ug/l		99
52) Toluene	10.246	92	98211	19.27	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	58507	19.97	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	66022	20.16	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	30949	19.61	ug/l		94
56) Ethyl methacrylate	10.514	69	42488	19.62	ug/l		97
57) 1,3-Dichloropropane	10.794	76	53805	19.76	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	106577	115.06	ug/l		99
59) 2-Hexanone	10.837	43	108646	99.87	ug/l		98
60) Dibromochloromethane	10.989	129	37144	19.63	ug/l		99
61) 1,2-Dibromoethane	11.093	107	31041	19.93	ug/l		97
64) Tetrachloroethene	10.721	164	51264	19.35	ug/l		97
65) Chlorobenzene	11.520	112	105665	19.68	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	37574	19.54	ug/l		97
67) Ethyl Benzene	11.593	91	191931	19.69	ug/l		99
68) m/p-Xylenes	11.703	106	147898	39.51	ug/l		100
69) o-Xylene	12.032	106	67961	19.40	ug/l		99
70) Styrene	12.044	104	112759	19.35	ug/l		100
71) Bromoform	12.209	173	22326	20.39	ug/l	#	99
73) Isopropylbenzene	12.331	105	187251	19.93	ug/l		99
74) N-amyl acetate	12.148	43	55755	20.31	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	35020	20.14	ug/l		99
76) 1,2,3-Trichloropropane	12.635	75	24821m	21.26	ug/l		
77) Bromobenzene	12.611	156	44471	20.22	ug/l		98
78) n-propylbenzene	12.672	91	218824	20.13	ug/l		99
79) 2-Chlorotoluene	12.757	91	119503	20.01	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	154069	20.11	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	13167	20.78	ug/l		96
82) 4-Chlorotoluene	12.855	91	125802	20.02	ug/l		99
83) tert-Butylbenzene	13.074	119	135714	20.50	ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	153082	19.92	ug/l		100
85) sec-Butylbenzene	13.257	105	184556	20.25	ug/l		99
86) p-Isopropyltoluene	13.373	119	167509	19.75	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	82553	20.12	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	82104	20.26	ug/l		98
89) n-Butylbenzene	13.696	91	157519	20.20	ug/l		99
90) Hexachloroethane	13.964	117	13134	22.19	ug/l		100
91) 1,2-Dichlorobenzene	13.739	146	72023	19.56	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6696	20.64	ug/l		91
93) 1,2,4-Trichlorobenzene	15.007	180	53277	20.35	ug/l		98
94) Hexachlorobutadiene	15.111	225	27918	20.06	ug/l		99
95) Naphthalene	15.239	128	114239	20.57	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	48157	20.14	ug/l		99

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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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