Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004433.D
Acq On : 15 Apr 2021 11:45
Operator : SY/MD
Sample : VY0415SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

Manual Integrations APPROVED
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4/16/2021 1:07:59 PM

Quant Time: Apr 16 05:02:40 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	173215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99141	51.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.02%			
35) Dibromofluoromethane	7.722	113	77373	49.70	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.40%			
50) Toluene-d8	10.185	98	335482	50.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.32%			
62) 4-Bromofluorobenzene	12.483	95	112511	50.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	31860	19.85	ug/l	99
3) Chloromethane	2.119	50	45939	19.80	ug/l	99
4) Vinyl Chloride	2.253	62	66184	27.00	ug/l	94
5) Bromomethane	2.643	94	25097	20.99	ug/l	98
6) Chloroethane	2.796	64	31165	21.21	ug/l	95
7) Trichlorofluoromethane	3.131	101	61808	20.16	ug/l	99
8) Diethyl Ether	3.534	74	21596	20.85	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	34674	20.39	ug/l	100
10) Methyl Iodide	4.101	142	39401	19.36	ug/l	98
11) Tert butyl alcohol	4.972	59	21294	112.27	ug/l	99
12) 1,1-Dichloroethene	3.875	96	33703	20.05	ug/l	99
13) Acrolein	3.741	56	21915	103.94	ug/l	97
14) Allyl chloride	4.485	41	64945	20.20	ug/l	99
15) Acrylonitrile	5.180	53	59276	106.65	ug/l	99
16) Acetone	3.960	43	47415	104.92	ug/l	93
17) Carbon Disulfide	4.198	76	102299	19.76	ug/l	99
18) Methyl Acetate	4.491	43	28337	21.14	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	102317	20.25	ug/l	98
20) Methylene Chloride	4.728	84	37989	20.44	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	38405	20.19	ug/l	98
22) Diisopropyl ether	6.131	45	135151	19.88	ug/l	96
23) Vinyl Acetate	6.070	43	478652	103.44	ug/l	98
24) 1,1-Dichloroethane	6.027	63	69419	19.99	ug/l	97
25) 2-Butanone	6.996	43	80555	109.88	ug/l	98
26) 2,2-Dichloropropane	6.996	77	61141	19.62	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	43185	20.29	ug/l	98
28) Bromochloromethane	7.344	49	30831	19.54	ug/l	97
29) Tetrahydrofuran	7.362	42	56515	107.90	ug/l	99
30) Chloroform	7.515	83	68131	19.97	ug/l	97
31) Cyclohexane	7.789	56	70028	19.85	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	61055	19.72	ug/l	100
36) 1,1-Dichloropropene	7.923	75	55456	19.89	ug/l	98
37) Ethyl Acetate	7.082	43	38019	21.18	ug/l	98
38) Carbon Tetrachloride	7.911	117	47442	19.69	ug/l	98
39) Methylcyclohexane	9.185	83	68496	19.96	ug/l	96
40) Benzene	8.167	78	157818	20.15	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	19851m	18.25	ug/l		
42) 1,2-Dichloroethane	8.246	62	48941	19.92	ug/l		100
43) Isopropyl Acetate	8.277	43	70739	20.79	ug/l		100
44) Trichloroethene	8.941	130	43289	20.27	ug/l		98
45) 1,2-Dichloropropane	9.222	63	40242	19.90	ug/l		100
46) Dibromomethane	9.307	93	22859	20.77	ug/l		96
47) Bromodichloromethane	9.502	83	52996	19.89	ug/l		96
48) Methyl methacrylate	9.295	41	31584	20.15	ug/l		98
49) 1,4-Dioxane	9.307	88	6728	468.00	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.075	43	186449	106.66	ug/l		100
52) Toluene	10.246	92	98405	19.41	ug/l		100
53) t-1,3-Dichloropropene	10.465	75	58614	19.94	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	66042	19.78	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	30900	20.37	ug/l		98
56) Ethyl methacrylate	10.514	69	44463	20.22	ug/l		97
57) 1,3-Dichloropropane	10.794	76	55071	20.35	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	117760	104.64	ug/l		99
59) 2-Hexanone	10.837	43	127254	108.59	ug/l		99
60) Dibromochloromethane	10.983	129	35921	19.93	ug/l		99
61) 1,2-Dibromoethane	11.093	107	29895	20.44	ug/l		99
64) Tetrachloroethene	10.721	164	44168	20.13	ug/l		100
65) Chlorobenzene	11.520	112	101428	19.72	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36710	20.00	ug/l		100
67) Ethyl Benzene	11.593	91	189779	19.72	ug/l		99
68) m/p-Xylenes	11.703	106	141697	39.63	ug/l		99
69) o-Xylene	12.032	106	66616	19.88	ug/l		97
70) Styrene	12.044	104	107375	19.35	ug/l		99
71) Bromoform	12.209	173	21783	20.01	ug/l	#	97
73) Isopropylbenzene	12.331	105	180608	19.46	ug/l		100
74) N-amyl acetate	12.142	43	64605	20.68	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	36256	20.65	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	30634m	23.76	ug/l		
77) Bromobenzene	12.611	156	40374	19.41	ug/l		99
78) n-propylbenzene	12.672	91	216706	19.77	ug/l		100
79) 2-Chlorotoluene	12.758	91	117881	19.66	ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	149483	19.82	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	14382	19.96	ug/l		98
82) 4-Chlorotoluene	12.855	91	126357	19.96	ug/l		100
83) tert-Butylbenzene	13.075	119	124725	19.32	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	150821	19.81	ug/l		100
85) sec-Butylbenzene	13.257	105	178309	19.80	ug/l		100
86) p-Isopropyltoluene	13.373	119	160381	19.58	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	78377	20.17	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	77203	19.74	ug/l		99
89) n-Butylbenzene	13.696	91	155780	19.92	ug/l		99
90) Hexachloroethane	13.965	117	21645	19.69	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	70217	20.36	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6137	19.48	ug/l		96
93) 1,2,4-Trichlorobenzene	15.007	180	46163	20.24	ug/l		99
94) Hexachlorobutadiene	15.111	225	24694	20.74	ug/l		99
95) Naphthalene	15.239	128	102905	20.76	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	41126	20.44	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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