Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014069.D
Acq On : 01 Feb 2018 12:25
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 01 15:00:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 01 03:26:19 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02022

Manual Integrations APPROVED
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2/1/2018 6:05:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	92044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	365956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	242008	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	588453	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	683761	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	642047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	14620	7.29	ng/uL	0.00
5) Phenol-d5	6.75	99	121136	17.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	79147	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	105784	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	108611	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	53013	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	55195	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	121283	19.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	100356	18.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	395908	19.71	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	489342	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	45787	16.54	ng/ul	0.00
57) Fluorene-d10	15.22	176	353353	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	59462	16.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	571164m	19.99	ng/ul	0.00
76) Pyrene-d10	19.37	212	654532	19.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	619095	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15654	7.106	ng/uL#	65
4) Benzaldehyde	6.72	77	52117	15.706	ng/ul	90
6) Phenol	6.77	94	119778	17.307	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.00	93	98392	18.286	ng/ul	93
10) 2-Chlorophenol	7.13	128	103168	18.663	ng/ul	96
11) 2-Methylphenol	8.01	108	94092	17.654	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.08	45	100090	18.520	ng/ul#	74
14) Acetophenone	8.38	105	171935	17.582	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.37	70	88326	17.659	ng/ul#	77
16) 4-Methylphenol	8.34	108	101396	17.804	ng/ul	88
17) Hexachloroethane	8.62	117	55952	19.405	ng/ul#	76
20) Nitrobenzene	8.76	77	144529	19.469	ng/ul#	95
21) Isophorone	9.27	82	244754	19.585	ng/ul	95
23) 2-Nitrophenol	9.46	139	60063	19.982	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	134107	19.785	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	137628	19.993	ng/ul	94
27) 2,4-Dichlorophenol	9.99	162	112344m	19.658	ng/ul	
28) Naphthalene	10.38	128	362196	19.660	ng/ul	99
30) 4-Chloroaniline	10.51	127	98969	18.525	ng/ul	97
31) Hexachlorobutadiene	10.66	225	100679	19.539	ng/ul	93
32) Caprolactam	11.29	113	28918m	18.429	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	112914	18.860	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	269767	19.394	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	183350	20.749 ng/ul	96
37) Hexachlorocyclopentadiene	12.35	237	75629	15.717 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	103857	20.207 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	102833	19.450 ng/ul	95
40) 1,1'-Biphenyl	13.04	154	376453	20.025 ng/ul	96
41) 2-Chloronaphthalene	13.07	162	308832	20.335 ng/ul	98
42) 2-Nitroaniline	13.30	65	81200	18.821 ng/ul	92
44) Dimethylphthalate	13.68	163	387355	20.006 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	79008	21.009 ng/ul#	92
47) Acenaphthylene	13.93	152	454794	20.103 ng/ul	99
48) 3-Nitroaniline	14.15	138	49843	17.637 ng/ul	99
49) Acenaphthene	14.28	153	321873	20.292 ng/ul	94
50) 2,4-Dinitrophenol	14.37	184	27899	13.830 ng/ul#	89
52) 4-Nitrophenol	14.47	109	55645	16.682 ng/ul#	65
53) Dibenzofuran	14.62	168	487250	20.172 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	115077	20.224 ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	14.85	232	105519	19.798 ng/ul#	89
56) Diethylphthalate	15.06	149	399730	19.681 ng/ul	95
58) Fluorene	15.27	166	401587	19.938 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	221995	19.248 ng/ul	94
60) 4-Nitroaniline	15.32	138	55111m	17.353 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.38	198	63657	17.384 ng/ul#	99
64) N-Nitrosodiphenylamine	15.49	169	342120	20.151 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	145089	19.727 ng/ul	92
66) Hexachlorobenzene	16.27	284	155396	19.857 ng/ul#	85
67) Atrazine	16.45	200	131028	19.214 ng/ul	96
68) Pentachlorophenol	16.63	266	65490	16.997 ng/ul	95
69) Phenanthrene	17.01	178	662416	20.021 ng/ul	98
71) Anthracene	17.10	178	658368	19.640 ng/ul	100
72) Carbazole	17.39	167	528018	19.313 ng/ul	99
73) Di-n-butylphthalate	17.94	149	682348	19.896 ng/ul	100
74) Fluoranthene	19.04	202	781715	18.990 ng/ul#	96
77) Pyrene	19.40	202	822204	20.151 ng/ul#	96
78) Butylbenzylphthalate	20.32	149	315667	19.626 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.10	252	211789	19.876 ng/ul	93
80) Benzo(a)anthracene	21.16	228	838212	19.680 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.10	149	450770	19.222 ng/ul	97
82) Chrysene	21.21	228	787203	19.662 ng/ul	98
84) Di-n-octyl phthalate	21.96	149	753097	18.426 ng/ul	99
85) Benzo(b)fluoranthene	22.70	252	792227	19.554 ng/ul#	98
86) Benzo(k)fluoranthene	22.75	252	776525	19.496 ng/ul#	99
88) Benzo(a)pyrene	23.26	252	752990	19.721 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.53	276	827315	19.773 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.53	278	697562	19.661 ng/ul#	98
91) Benzo(g,h,i)perylene	26.20	276	679544	19.645 ng/ul	99

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

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