Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014071.D
Acq On : 01 Feb 2018 13:46
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 00:57:44 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 :
SSTD02023

Manual Integrations APPROVED
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2/2/2018 4:38:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	80375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	338836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	233261	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	579580	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	654894	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	629621	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12203m	6.97	ng/uL	0.00
5) Phenol-d5	6.75	99	110598	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	68775	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	88200	18.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	95830	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	45769	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	52311	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	106073	18.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	88995	18.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	367491	18.98	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	464177	19.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	45656	17.11	ng/ul	0.00
57) Fluorene-d10	15.22	176	341153	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	58592	16.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	564604	20.06	ng/ul	0.00
76) Pyrene-d10	19.37	212	631863	20.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	606078	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	14659m	7.621	ng/uL	
4) Benzaldehyde	6.72	77	53958m	18.622	ng/ul	
6) Phenol	6.77	94	110655	18.310	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.00	93	87875	18.703	ng/ul	96
10) 2-Chlorophenol	7.13	128	92558	19.175	ng/ul	98
11) 2-Methylphenol	8.01	108	85816	18.439	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	85850	18.191	ng/ul#	68
14) Acetophenone	8.38	105	161151	18.872	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.36	70	81844	18.739	ng/ul#	75
16) 4-Methylphenol	8.34	108	91271	18.353	ng/ul	99
17) Hexachloroethane	8.62	117	51874	20.603	ng/ul#	80
20) Nitrobenzene	8.76	77	135263	19.679	ng/ul	95
21) Isophorone	9.27	82	220573	19.062	ng/ul	95
23) 2-Nitrophenol	9.46	139	54862	19.713	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	121664	19.386	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.76	93	128737	20.198	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	103251	19.512	ng/ul#	85
28) Naphthalene	10.38	128	331843	19.454	ng/ul	98
30) 4-Chloroaniline	10.51	127	92842	18.769	ng/ul	99
31) Hexachlorobutadiene	10.66	225	99049	20.762	ng/ul	97
32) Caprolactam	11.29	113	25559m	17.592	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	107868	19.460	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	251004	19.490	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	168355	19.767	ng/ul	93
37) Hexachlorocyclopentadiene	12.35	237	73378	15.821	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.63	196	100336	20.254	ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	99330	19.492	ng/ul	99
40) 1,1'-Biphenyl	13.04	154	349991	19.316	ng/ul	98
41) 2-Chloronaphthalene	13.07	162	293927	20.079	ng/ul	98
42) 2-Nitroaniline	13.31	65	80933	19.462	ng/ul	85
44) Dimethylphthalate	13.68	163	359183	19.247	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	70906	19.562	ng/ul#	84
47) Acenaphthylene	13.93	152	433933	19.901	ng/ul	99
48) 3-Nitroaniline	14.14	138	45975	16.879	ng/ul#	83
49) Acenaphthene	14.28	153	306165	20.026	ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	24988	12.851	ng/ul#	82
52) 4-Nitrophenol	14.46	109	58049	18.055	ng/ul#	61
53) Dibenzofuran	14.62	168	468406	20.120	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	107623	19.623	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	14.85	232	101096	19.679	ng/ul#	85
56) Diethylphthalate	15.06	149	377408	19.279	ng/ul	96
58) Fluorene	15.27	166	388107	19.991	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	222336	20.000	ng/ul	96
60) 4-Nitroaniline	15.32	138	46700	15.256	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.37	198	59216	16.419	ng/ul	99
64) N-Nitrosodiphenylamine	15.49	169	324492	19.405	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	143433	19.800	ng/ul	94
66) Hexachlorobenzene	16.27	284	151010	19.592	ng/ul#	85
67) Atrazine	16.45	200	124471	18.532	ng/ul	96
68) Pentachlorophenol	16.63	266	63472	16.725	ng/ul	98
69) Phenanthrene	17.01	178	637269	19.556	ng/ul	99
71) Anthracene	17.10	178	642479	19.460	ng/ul	97
72) Carbazole	17.39	167	506695	18.817	ng/ul	100
73) Di-n-butylphthalate	17.95	149	656967	19.449	ng/ul	98
74) Fluoranthene	19.04	202	753812	18.593	ng/ul#	97
77) Pyrene	19.40	202	786539	20.127	ng/ul	97
78) Butylbenzylphthalate	20.32	149	294869	19.141	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.10	252	206545	20.239	ng/ul	96
80) Benzo(a)anthracene	21.16	228	802708	19.677	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.10	149	440139	19.596	ng/ul	96
82) Chrysene	21.21	228	765817	19.971	ng/ul	98
84) Di-n-octyl phthalate	21.96	149	727380	18.148	ng/ul	99
85) Benzo(b)fluoranthene	22.70	252	773432m	19.466	ng/ul	
86) Benzo(k)fluoranthene	22.75	252	763414	19.545	ng/ul	99
88) Benzo(a)pyrene	23.26	252	734731	19.623	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.53	276	811717	19.783	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.54	278	688066	19.776	ng/ul#	97
91) Benzo(g,h,i)perylene	26.20	276	666653	19.653	ng/ul	98

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

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