Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013918.D
Acq On : 28 Jan 2018 12:40
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
Sohil
1/29/2018 6:04:53 PM

Quant Time: Jan 29 04:16:33 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	147138	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	582536	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	343600	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	770501	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	808214	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	796529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	22475m	6.04	ng/uL	0.00
5) Phenol-d5	6.77	99	208764	18.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	127134	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	178677	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	166969	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	84175	18.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	92102	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	185353	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	186798	23.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	531874	18.78	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	693340	19.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	72687	15.79	ng/ul	0.00
57) Fluorene-d10	15.23	176	472884	18.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	80846	17.43	ng/ul	0.00
70) Anthracene-d10	17.09	188	729825	19.45	ng/ul	0.00
76) Pyrene-d10	19.39	212	792167	21.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	736421	20.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	27715m	6.796	ng/uL	
4) Benzaldehyde	6.74	77	158509	20.277	ng/ul	92
6) Phenol	6.79	94	210719	18.599	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.02	93	158326	17.859	ng/ul	94
10) 2-Chlorophenol	7.15	128	172307	18.783	ng/ul	96
11) 2-Methylphenol	8.03	108	157763	18.890	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	154049	17.077	ng/ul#	76
14) Acetophenone	8.40	105	279687	19.464	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.39	70	139989	19.969	ng/ul#	72
16) 4-Methylphenol	8.36	108	169714	19.005	ng/ul	95
17) Hexachloroethane	8.63	117	85508	19.150	ng/ul	86
20) Nitrobenzene	8.77	77	222955	19.094	ng/ul	97
21) Isophorone	9.30	82	347997	18.445	ng/ul	96
23) 2-Nitrophenol	9.48	139	97888	19.665	ng/ul#	92
24) 2,4-Dimethylphenol	9.55	107	208828	19.899	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.78	93	211962	18.429	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	182931	20.572	ng/ul	96
28) Naphthalene	10.40	128	571938	19.735	ng/ul	99
30) 4-Chloroaniline	10.53	127	183385	23.102	ng/ul	96
31) Hexachlorobutadiene	10.68	225	153143	20.981	ng/ul	96
32) Caprolactam	11.31	113	42523	17.190	ng/ul#	26
33) 4-Chloro-3-methylphenol	11.66	107	176145	19.540	ng/ul	100
34) 2-Methylnaphthalene	12.02	142	417527	19.323	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	259289	20.366	ng/ul#	92
37) Hexachlorocyclopentadiene	12.37	237	84476	15.982	ng/ul	94
38) 2,4,6-Trichlorophenol	12.65	196	150701	20.449	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	161731	21.091	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	545288	19.065	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	447355	20.009	ng/ul	99
42) 2-Nitroaniline	13.32	65	119821	19.428	ng/ul	97
44) Dimethylphthalate	13.70	163	512688	18.413	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	106413	19.722	ng/ul	94
47) Acenaphthylene	13.95	152	630640	19.086	ng/ul	97
48) 3-Nitroaniline	14.16	138	85547	20.160	ng/ul	90
49) Acenaphthene	14.30	153	431317	18.848	ng/ul	99
50) 2,4-Dinitrophenol	14.38	184	35007	11.318	ng/ul#	86
52) 4-Nitrophenol	14.48	109	77544	16.586	ng/ul#	80
53) Dibenzofuran	14.63	168	646441	18.778	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	148489	18.879	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.87	232	145140	20.123	ng/ul	93
56) Diethylphthalate	15.07	149	518592	18.507	ng/ul	96
58) Fluorene	15.29	166	534180	18.943	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	285711	18.751	ng/ul	98
60) 4-Nitroaniline	15.33	138	85765	17.274	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.39	198	77129	15.756	ng/ul#	96
64) N-Nitrosodiphenylamine	15.50	169	447365	19.741	ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	176538	19.399	ng/ul	94
66) Hexachlorobenzene	16.29	284	192689	19.671	ng/ul#	94
67) Atrazine	16.46	200	173430	19.175	ng/ul	94
68) Pentachlorophenol	16.64	266	93896	18.038	ng/ul	95
69) Phenanthrene	17.03	178	821418	19.179	ng/ul	99
71) Anthracene	17.12	178	841112	19.040	ng/ul	97
72) Carbazole	17.40	167	678598	18.609	ng/ul	99
73) Di-n-butylphthalate	17.96	149	838076	19.542	ng/ul	99
74) Fluoranthene	19.05	202	960577	18.789	ng/ul#	96
77) Pyrene	19.42	202	1001591	20.385	ng/ul#	95
78) Butylbenzylphthalate	20.33	149	368468	21.289	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.11	252	297740	22.269	ng/ul	94
80) Benzo(a)anthracene	21.17	228	984223	20.153	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.11	149	527552	20.316	ng/ul#	99
82) Chrysene	21.22	228	878621	19.611	ng/ul	98
84) Di-n-octyl phthalate	21.97	149	862009	17.958	ng/ul	99
85) Benzo(b)fluoranthene	22.72	252	984164	20.119	ng/ul#	99
86) Benzo(k)fluoranthene	22.76	252	897499	18.982	ng/ul#	99
88) Benzo(a)pyrene	23.28	252	914308	19.786	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.56	276	1061944	19.468	ng/ul	98
90) Dibenzo(a,h)anthracene	25.56	278	902325	19.588	ng/ul#	98
91) Benzo(g,h,i)perylene	26.23	276	890879	19.844	ng/ul	99

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

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