Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
Data File : BM007326.D
Acq On : 30 Aug 2016 01:34
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Manual Integrations APPROVED
sohil
8/30/2016 4:47:26 PM

Quant Time: Aug 30 04:01:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 30 02:26:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	109906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	547659	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	407809	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1133266	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1632903	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	1763118	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	19458	9.05	ng/uL	0.00
5) Phenol-d5	6.96	99	201972	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	112951	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	151969	19.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	180594	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	82084	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	93163	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	191964	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	251978	21.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	729481	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	846877	20.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	137713	20.73	ng/ul	0.00
57) Fluorene-d10	15.42	176	635777	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	138796	19.48	ng/ul	0.00
70) Anthracene-d10	17.27	188	1090868	20.61	ng/ul	0.00
76) Pyrene-d10	19.56	212	1401836	20.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1673096	20.60	ng/ul	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	18329	7.64	ng/uL#	97
4) Benzaldehyde	6.95	77	130648	22.09	ng/ul	96
6) Phenol	6.99	94	214914	19.96	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.22	93	152657	20.35	ng/ul	97
10) 2-Chlorophenol	7.36	128	155035	19.73	ng/ul	96
11) 2-Methylphenol	8.23	108	165867	19.71	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	171939	20.37	ng/ul	95
14) Acetophenone	8.61	105	288405	20.77	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	152198	20.62	ng/ul	95
16) 4-Methylphenol	8.56	108	191547	20.28	ng/ul	99
17) Hexachloroethane	8.87	117	63903	20.91	ng/ul	97
20) Nitrobenzene	8.99	77	215355	20.85	ng/ul	96
21) Isophorone	9.51	82	426697	20.28	ng/ul	99
23) 2-Nitrophenol	9.70	139	104395	20.45	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	238253	21.16	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	240543	20.29	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	191579	20.63	ng/ul	97
28) Naphthalene	10.63	128	554579	20.36	ng/ul	99
30) 4-Chloroaniline	10.74	127	259808	21.64	ng/ul	99
31) Hexachlorobutadiene	10.92	225	134232	21.40	ng/ul	96
32) Caprolactam	11.49	113	76774m	20.53	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	242478	21.10	ng/ul	96
34) 2-Methylnaphthalene	12.24	142	467867	20.99	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	279762	20.60	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	157440	19.22	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	191712	19.96	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	204243	20.40	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	652631	20.64	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	502405	20.26	ng/ul	98
42) 2-Nitroaniline	13.50	65	171241	21.14	ng/ul	93
44) Dimethylphthalate	13.88	163	733344	20.93	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	148820	20.78	ng/ul	90
47) Acenaphthylene	14.14	152	869396	20.72	ng/ul	99
48) 3-Nitroaniline	14.33	138	155674	21.29	ng/ul	96
49) Acenaphthene	14.49	153	561535	20.57	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	91493	18.84	ng/ul	90
52) 4-Nitrophenol	14.64	109	153849	21.77	ng/ul	85
53) Dibenzofuran	14.83	168	851361	20.83	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	233729	21.29	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.05	232	213546	20.79	ng/ul#	95
56) Diethylphthalate	15.25	149	768664	21.03	ng/ul	100
58) Fluorene	15.47	166	713657	21.21	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	374081	21.26	ng/ul	95
60) 4-Nitroaniline	15.50	138	174367	21.02	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.56	198	150598	19.80	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	638021	20.16	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	259216	20.26	ng/ul	100
66) Hexachlorobenzene	16.48	284	290470	20.27	ng/ul	97
67) Atrazine	16.63	200	277785	20.79	ng/ul	96
68) Pentachlorophenol	16.82	266	180007	19.47	ng/ul	98
69) Phenanthrene	17.21	178	1269839	20.87	ng/ul	100
71) Anthracene	17.30	178	1305733	20.79	ng/ul	100
72) Carbazole	17.57	167	1161376	21.28	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1380715	20.10	ng/ul	99
74) Fluoranthene	19.23	202	1713941	22.45	ng/ul	97
77) Pyrene	19.59	202	1806032	20.62	ng/ul	96
78) Butylbenzylphthalate	20.49	149	718766	19.72	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	685759	21.15	ng/ul	100
80) Benzo(a)anthracene	21.33	228	2016939	20.95	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1051595	19.89	ng/ul	98
82) Chrysene	21.39	228	1804058	20.69	ng/ul	100
84) Di-n-octyl phthalate	22.15	149	1892380	21.55	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	2164569	20.76	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	2110376	21.90	ng/ul	99
88) Benzo(a)pyrene	23.52	252	2098106	21.03	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	2437407	19.91	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	2036296	20.00	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	2023175	19.46	ng/ul	97

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

Quantitation Report (QT Reviewed)

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