Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090316\
Data File : BM007409.D
Acq On : 03 Sep 2016 16:45
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Manual Integrations APPROVED
sohil
9/6/2016 1:16:49 PM

Quant Time: Sep 06 10:59:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	215617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1010318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	670351	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1705791	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2168117	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1886534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	35510	8.42	ng/uL	0.00
5) Phenol-d5	6.96	99	399913	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	209685	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	302637	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	339700	19.12	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	160063	21.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	188028	21.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	359827	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	448812	20.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1139644	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1404502	20.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	214179	19.62	ng/ul	0.00
57) Fluorene-d10	15.42	176	1008261	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	203384	18.96	ng/ul	0.00
70) Anthracene-d10	17.27	188	1675687	21.03	ng/ul	0.00
76) Pyrene-d10	19.56	212	2055605	22.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1815258	20.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	36691	7.80	ng/uL	93
4) Benzaldehyde	6.94	77	252787	21.78	ng/ul	98
6) Phenol	6.99	94	409687	19.39	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	288435	19.60	ng/ul	99
10) 2-Chlorophenol	7.36	128	315235	20.45	ng/ul	98
11) 2-Methylphenol	8.23	108	315171	19.09	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	319106	19.27	ng/ul	96
14) Acetophenone	8.61	105	523298	19.21	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	268592	18.55	ng/ul	95
16) 4-Methylphenol	8.56	108	352572	19.03	ng/ul	95
17) Hexachloroethane	8.87	117	123236	20.56	ng/ul	97
20) Nitrobenzene	8.99	77	401951	21.10	ng/ul	99
21) Isophorone	9.51	82	751668	19.37	ng/ul	100
23) 2-Nitrophenol	9.70	139	200859	21.33	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	430383	20.72	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	429187	19.62	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	357445	20.87	ng/ul	98
28) Naphthalene	10.63	128	1034057	20.58	ng/ul	99
30) 4-Chloroaniline	10.74	127	458975	20.73	ng/ul	96
31) Hexachlorobutadiene	10.91	225	243897	21.07	ng/ul	99
32) Caprolactam	11.50	113	126650m	18.36	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	420634	19.84	ng/ul	94
34) 2-Methylnaphthalene	12.24	142	816311	19.85	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	490329	21.97	ng/ul	100
37) Hexachlorocyclopentadiene	12.59	237	193148	14.34	ng/ul	100
38) 2,4,6-Trichlorophenol	12.86	196	333625	21.13	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	353148	21.46	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	1095671	21.08	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	870103	21.35	ng/ul	98
42) 2-Nitroaniline	13.51	65	283815	21.32	ng/ul	99
44) Dimethylphthalate	13.89	163	1128132	19.58	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	247958	21.06	ng/ul	97
47) Acenaphthylene	14.15	152	1444678	20.94	ng/ul	99
48) 3-Nitroaniline	14.34	138	254022	21.14	ng/ul	99
49) Acenaphthene	14.49	153	929503	20.71	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	130606	16.36	ng/ul#	86
52) 4-Nitrophenol	14.65	109	230305	19.83	ng/ul	90
53) Dibenzofuran	14.83	168	1387874	20.66	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	373361	20.69	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	349605	20.70	ng/ul#	98
56) Diethylphthalate	15.25	149	1157982	19.27	ng/ul	99
58) Fluorene	15.47	166	1128435	20.40	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	584262	20.20	ng/ul	97
60) 4-Nitroaniline	15.50	138	285184	20.91	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	218002	19.04	ng/ul#	98
64) N-Nitrosodiphenylamine	15.69	169	1009622	21.20	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	404068	20.98	ng/ul	97
66) Hexachlorobenzene	16.48	284	454900	21.09	ng/ul	98
67) Atrazine	16.63	200	420001	20.89	ng/ul	97
68) Pentachlorophenol	16.82	266	280298	20.14	ng/ul	99
69) Phenanthrene	17.22	178	1916039	20.92	ng/ul	99
71) Anthracene	17.30	178	2008284	21.24	ng/ul	99
72) Carbazole	17.57	167	1754312	21.35	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2080688	20.13	ng/ul	99
74) Fluoranthene	19.23	202	2511216	21.85	ng/ul	99
77) Pyrene	19.59	202	2626020	22.58	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1078820	22.29	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	885467	20.57	ng/ul	97
80) Benzo(a)anthracene	21.34	228	2645431	20.70	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1506527	21.46	ng/ul	98
82) Chrysene	21.39	228	2406403	20.79	ng/ul	99
84) Di-n-octyl phthalate	22.15	149	2732757	29.08	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	2437646	21.85	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	2407519	23.35	ng/ul	100
88) Benzo(a)pyrene	23.53	252	2246824	21.05	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	2245198	17.14	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	1909452	17.53	ng/ul	98
91) Benzo(g,h,i)perylene	26.62	276	1820394	16.37	ng/ul	98

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

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