Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032115\
Data File : BM000748.D
Acq On : 20 Mar 2015 20:50
Operator : TP/IZ
Sample : SSTD04008
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04008

Manual Integrations APPROVED
mohammad
3/23/2015 5:49:17 PM

Quant Time: Mar 21 02:15:26 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 01:49:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	161716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	665351	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	364141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	774770	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	831932	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	766343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	53077	15.66	ng/uL	0.00
5) Phenol-d5	6.79	99	502671	41.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	311885	42.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	406318	41.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	394294	41.26	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	185760	43.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	202399	44.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	383029	41.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	486906	44.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	978419	42.12	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1419822	42.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	198526	41.30	ng/ul	0.00
57) Fluorene-d10	15.27	176	956842	39.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	174481	41.80	ng/ul	0.00
70) Anthracene-d10	17.12	188	1433229	40.70	ng/ul	0.00
76) Pyrene-d10	19.42	212	1510096	40.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1388936	41.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	61470	15.41	ng/uL	98
4) Benzaldehyde	6.76	77	286994	42.35	ng/ul	98
6) Phenol	6.82	94	549835	40.91	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	430098	41.22	ng/ul	99
10) 2-Chlorophenol	7.18	128	435587	40.65	ng/ul	99
11) 2-Methylphenol	8.06	108	409758	40.98	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	754713	42.13	ng/ul	99
14) Acetophenone	8.44	105	635138	40.87	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	321073	44.73	ng/ul	97
16) 4-Methylphenol	8.39	108	448160	41.33	ng/ul	100
17) Hexachloroethane	8.69	117	173685	42.17	ng/ul	99
20) Nitrobenzene	8.82	77	487081	42.68	ng/ul	99
21) Isophorone	9.33	82	846724	44.76	ng/ul	99
23) 2-Nitrophenol	9.52	139	232681	43.58	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	472999	41.22	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	551910	42.23	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	390393	40.78	ng/ul	100
28) Naphthalene	10.45	128	1400947	39.33	ng/ul	99
30) 4-Chloroaniline	10.57	127	515675	45.50	ng/ul	100
31) Hexachlorobutadiene	10.74	225	235365	39.18	ng/ul	99
32) Caprolactam	11.32	113	114481m	43.56	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	412898	41.97	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	969523	39.86	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	450409	40.13	ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	255227	41.21	ng/ul	95
38) 2,4,6-Trichlorophenol	12.70	196	275419	46.32	ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	298911	43.43	ng/ul	95
40) 1,1'-Biphenyl	13.10	154	1232759	40.40	ng/ul	98
41) 2-Chloronaphthalene	13.14	162	937991	40.16	ng/ul	99
42) 2-Nitroaniline	13.36	65	266441	49.00	ng/ul	95
44) Dimethylphthalate	13.74	163	1117822	41.14	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	230556	46.99	ng/ul	91
47) Acenaphthylene	13.99	152	1564550	41.08	ng/ul	99
48) 3-Nitroaniline	14.19	138	238397	46.01	ng/ul	96
49) Acenaphthene	14.34	153	1012413	40.32	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	112755	40.84	ng/ul	96
52) 4-Nitrophenol	14.50	109	152871	42.44	ng/ul	97
53) Dibenzofuran	14.67	168	1415787	39.89	ng/ul	100
54) 2,4-Dinitrotoluene	14.65	165	333856	44.88	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.91	232	246876	45.11	ng/ul	98
56) Diethylphthalate	15.11	149	1120842	42.49	ng/ul	100
58) Fluorene	15.33	166	1167302	40.05	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	543146	39.42	ng/ul	98
60) 4-Nitroaniline	15.36	138	258837	43.25	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.42	198	193001	41.52	ng/ul	99
64) N-Nitrosodiphenylamine	15.55	169	977217	41.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	306716	41.82	ng/ul	98
66) Hexachlorobenzene	16.33	284	334659	40.85	ng/ul	94
67) Atrazine	16.50	200	319607	41.75	ng/ul	96
68) Pentachlorophenol	16.68	266	183320	42.88	ng/ul	95
69) Phenanthrene	17.06	178	1782515	40.04	ng/ul	100
71) Anthracene	17.16	178	1819606	40.23	ng/ul	99
72) Carbazole	17.43	167	1652700	40.82	ng/ul	98
73) Di-n-butylphthalate	18.00	149	1866723	46.24	ng/ul	100
74) Fluoranthene	19.09	202	1975193	40.51	ng/ul	100
77) Pyrene	19.45	202	2115289	40.46	ng/ul	100
78) Butylbenzylphthalate	20.36	149	805273	47.96	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	568947	44.49	ng/ul	98
80) Benzo(a)anthracene	21.20	228	1950469	39.91	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	1208410	48.19	ng/ul	99
82) Chrysene	21.26	228	1868619	39.46	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	2099218	44.79	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	1904557	41.20	ng/ul	98
86) Benzo(k)fluoranthene	22.80	252	1867803	41.53	ng/ul	98
88) Benzo(a)pyrene	23.32	252	1849600	41.33	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	2051792	41.66	ng/ul	98
90) Dibenzo(a,h)anthracene	25.61	278	1718967	41.32	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	1742046	41.42	ng/ul	98

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

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