Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000955.D
Acq On : 13 Apr 2015 18:58
Operator : TP/IZ
Sample : SSTD00511
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00511

Manual Integrations APPROVED
apatel
4/16/2015 8:52:21 AM

Quant Time: Apr 14 08:30:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 14 07:52:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	194419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	811559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	447737	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	986284	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	1067010	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	1007166	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	9534	2.20	ng/uL	0.00
5) Phenol-d5	6.78	99	69589	4.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	46329	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	57887	4.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	52333	4.21	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	23633	3.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	24296	4.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	53414	4.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	64043	4.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	142686	4.52	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	204894	5.13	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.26	176	156797	5.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.10	188	225995	4.88	ng/ul	0.00
76) Pyrene-d10	19.40	212	237206	4.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	216454	4.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	9760	1.71	ng/uL#	88
4) Benzaldehyde	6.75	77	40813	3.49	ng/ul	99
6) Phenol	6.80	94	76346	4.48	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	65956	4.78	ng/ul	97
10) 2-Chlorophenol	7.17	128	63144	5.06	ng/ul	100
11) 2-Methylphenol	8.05	108	54978	4.35	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.15	45	118789	4.85	ng/ul	99
14) Acetophenone	8.42	105	93028	3.91	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	42262	3.47	ng/ul	95
16) 4-Methylphenol	8.37	108	61669	4.44	ng/ul	99
17) Hexachloroethane	8.67	117	26068	4.20	ng/ul	95
20) Nitrobenzene	8.80	77	66889	3.58	ng/ul	97
21) Isophorone	9.32	82	104337	3.25	ng/ul	99
23) 2-Nitrophenol	9.51	139	27150	4.26	ng/ul	100
24) 2,4-Dimethylphenol	9.57	107	66890	4.03	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.81	93	80758	4.49	ng/ul	98
27) 2,4-Dichlorophenol	10.04	162	57194	4.66	ng/ul	96
28) Naphthalene	10.43	128	224327	5.39	ng/ul	99
30) 4-Chloroaniline	10.56	127	68504	4.34	ng/ul	92
31) Hexachlorobutadiene	10.72	225	38448	4.12	ng/ul	97
32) Caprolactam	11.29	113	10449m	3.09	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	54636	3.68	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	150381	4.79	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.44	216	72957	5.59	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	29944	3.69	ng/ul	93
38) 2,4,6-Trichlorophenol	12.68	196	36585	4.89	ng/ul	91
39) 2,4,5-Trichlorophenol	12.75	196	40427m	4.74	ng/ul	
40) 1,1'-Biphenyl	13.09	154	200117	6.02	ng/ul	98
41) 2-Chloronaphthalene	13.12	162	154263	6.00	ng/ul	98
44) Dimethylphthalate	13.72	163	165885	5.01	ng/ul	98
45) 2,6-Dinitrotoluene	13.84	165	25026	4.07	ng/ul	97
47) Acenaphthylene	13.98	152	233674	5.49	ng/ul	97
49) Acenaphthene	14.32	153	160942	5.78	ng/ul	98
53) Dibenzofuran	14.66	168	230042	5.68	ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	36804	3.83	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.89	232	29209	4.09	ng/ul#	97
56) Diethylphthalate	15.09	149	160145	4.68	ng/ul	99
58) Fluorene	15.31	166	189283	5.63	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	90282	5.42	ng/ul	99
64) N-Nitrosodiphenylamine	15.53	169	147346	5.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	48257	4.69	ng/ul	97
66) Hexachlorobenzene	16.32	284	55602	4.61	ng/ul	95
67) Atrazine	16.47	200	41829	4.31	ng/ul	97
69) Phenanthrene	17.04	178	296394	5.35	ng/ul	100
71) Anthracene	17.14	178	298411	5.25	ng/ul	98
72) Carbazole	17.42	167	252798	5.13	ng/ul	98
73) Di-n-butylphthalate	17.98	149	229421	4.17	ng/ul	99
74) Fluoranthene	19.07	202	314741	4.89	ng/ul	99
77) Pyrene	19.43	202	353645	5.54	ng/ul	98
78) Butylbenzylphthalate	20.34	149	88694	4.24	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.13	252	58396	3.68	ng/ul	99
80) Benzo(a)anthracene	21.19	228	321047	5.12	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	131549	4.14	ng/ul	99
82) Chrysene	21.24	228	324397	5.49	ng/ul	99
84) Di-n-octyl phthalate	21.98	149	232398	4.20	ng/ul	100
85) Benzo(b)fluoranthene	22.73	252	317067	5.21	ng/ul	98
86) Benzo(k)fluoranthene	22.77	252	293051	4.93	ng/ul	97
88) Benzo(a)pyrene	23.29	252	294535	5.07	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	309055	4.90	ng/ul	100
90) Dibenzo(a,h)anthracene	25.57	278	257949	4.87	ng/ul	99
91) Benzo(g,h,i)perylene	26.22	276	274565	5.23	ng/ul	99

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

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