Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020315\
Data File : BM000410.D
Acq On : 03 Feb 2015 09:55
Operator : TP/IZ
Sample : SSTD01066
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01066

Manual Integrations APPROVED
apatel
2/4/2015 2:56:16 PM

Quant Time: Feb 03 12:17:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 03 11:57:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	137180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	584649	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	406123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	971525	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	875394	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	683207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	8320	3.60	ng/uL	0.00
5) Phenol-d5	6.92	99	88509	9.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	57952	9.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	75190	9.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	77612	9.33	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	33670	9.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	37790	9.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	86009	9.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	78189	9.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	289424	9.56	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	378841	9.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	39038	7.69	ng/ul	0.00
57) Fluorene-d10	15.39	176	283495	9.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	41312	8.05	ng/ul	0.00
70) Anthracene-d10	17.24	188	429321	9.67	ng/ul	0.00
76) Pyrene-d10	19.54	212	450148	10.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	298342	9.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	10588	3.84	ng/uL	88
4) Benzaldehyde	6.90	77	27358	8.64	ng/ul	89
6) Phenol	6.95	94	92197	9.29	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.18	93	73954	9.67	ng/ul	96
10) 2-Chlorophenol	7.32	128	79500	9.79	ng/ul	96
11) 2-Methylphenol	8.19	108	73783	9.13	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	163992	10.25	ng/ul	99
14) Acetophenone	8.57	105	134761	9.70	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	63262	9.48	ng/ul	94
16) 4-Methylphenol	8.52	108	79786	9.05	ng/ul	92
17) Hexachloroethane	8.83	117	37071	9.94	ng/ul	94
20) Nitrobenzene	8.95	77	104631	9.84	ng/ul	95
21) Isophorone	9.47	82	175223	9.37	ng/ul	98
23) 2-Nitrophenol	9.66	139	41492	9.44	ng/ul	94
24) 2,4-Dimethylphenol	9.72	107	110149	9.78	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.96	93	104318	9.81	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	87003	9.69	ng/ul	96
28) Naphthalene	10.59	128	285314	9.81	ng/ul	96
30) 4-Chloroaniline	10.70	127	81997	9.42	ng/ul	100
31) Hexachlorobutadiene	10.87	225	68582	9.77	ng/ul	95
32) Caprolactam	11.46	113	19923m	8.15	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	101535	9.79	ng/ul	94
34) 2-Methylnaphthalene	12.21	142	220455	9.96	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	128532	9.91	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	66158	8.15	ng/ul	97
38) 2,4,6-Trichlorophenol	12.82	196	64861	8.76	ng/ul	97
39) 2,4,5-Trichlorophenol	12.89	196	72456	8.65	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	311552	9.72	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	237411	9.62	ng/ul	97
42) 2-Nitroaniline	13.48	65	59340	8.32	ng/ul	97
44) Dimethylphthalate	13.86	163	320084	9.74	ng/ul#	98
45) 2,6-Dinitrotoluene	13.97	165	52874	9.02	ng/ul	95
47) Acenaphthylene	14.12	152	391290	9.75	ng/ul	99
48) 3-Nitroaniline	14.30	138	42779	8.06	ng/ul	92
49) Acenaphthene	14.46	153	255738	9.76	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	20236	6.19	ng/ul#	81
52) 4-Nitrophenol	14.61	109	60216	8.06	ng/ul	97
53) Dibenzofuran	14.80	168	379425	9.68	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	83000	9.27	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	67744	9.22	ng/ul	95
56) Diethylphthalate	15.22	149	327758	9.48	ng/ul	98
58) Fluorene	15.45	166	312061	9.60	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.44	204	166144	9.78	ng/ul	97
60) 4-Nitroaniline	15.47	138	49815	8.03	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.53	198	45627	8.46	ng/ul#	99
64) N-Nitrosodiphenylamine	15.66	169	264909	9.86	ng/ul	96
65) 4-Bromophenyl-phenylether	16.34	248	92809	9.26	ng/ul	97
66) Hexachlorobenzene	16.45	284	113264	9.92	ng/ul	98
67) Atrazine	16.60	200	92016	9.06	ng/ul	97
68) Pentachlorophenol	16.80	266	47800	7.80	ng/ul	93
69) Phenanthrene	17.19	178	509470	9.77	ng/ul	99
71) Anthracene	17.27	178	513882	9.77	ng/ul	98
72) Carbazole	17.54	167	432725	9.59	ng/ul	99
73) Di-n-butylphthalate	18.11	149	473954	9.13	ng/ul	99
74) Fluoranthene	19.20	202	565992	9.63	ng/ul	100
77) Pyrene	19.57	202	603768	10.58	ng/ul	98
78) Butylbenzylphthalate	20.47	149	174735	8.61	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	126298	8.49	ng/ul	93
80) Benzo(a)anthracene	21.32	228	494079	9.76	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	235897	8.28	ng/ul	98
82) Chrysene	21.37	228	473491	9.90	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	363589	7.68	ng/ul	100
85) Benzo(b)fluoranthene	22.91	252	401775	9.28	ng/ul	100
86) Benzo(k)fluoranthene	22.96	252	402278m	9.82	ng/ul	
88) Benzo(a)pyrene	23.49	252	372568	9.51	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.87	276	372330	9.65	ng/ul	96
90) Dibenzo(a,h)anthracene	25.88	278	312818	9.71	ng/ul	100
91) Benzo(g,h,i)perylene	26.56	276	307190	9.65	ng/ul	97

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

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