Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
Data File : BM000685.D
Acq On : 10 Mar 2015 23:18
Operator : TP/IZ
Sample : SSTD02067
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02067

Manual Integrations APPROVED
mohammad
3/12/2015 1:04:03 PM

Quant Time: Mar 11 14:03:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 13:44:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	128615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	519978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	295209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	645404	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	698260	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	653271	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	21447	9.15	ng/uL	0.00
5) Phenol-d5	6.82	99	197549	22.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	120540	23.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	162080	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	154551	21.48	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	68826	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	77228	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	152317	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	176751	24.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	400578	19.69	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	574381	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	75695	22.22	ng/ul	0.00
57) Fluorene-d10	15.30	176	409227	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	67742	19.14	ng/ul	0.00
70) Anthracene-d10	17.15	188	614714	20.94	ng/ul	0.00
76) Pyrene-d10	19.45	212	656042	19.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	600332	20.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	25239m	9.70	ng/uL	
4) Benzaldehyde	6.79	77	114166	42.58	ng/ul	96
6) Phenol	6.85	94	217714	24.39	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.08	93	169292	23.98	ng/ul	96
10) 2-Chlorophenol	7.22	128	176376	23.20	ng/ul	96
11) 2-Methylphenol	8.10	108	161814	22.91	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	294388	20.92	ng/ul#	96
14) Acetophenone	8.47	105	258216	21.89	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.46	70	122116	22.50	ng/ul#	86
16) 4-Methylphenol	8.42	108	175800	23.49	ng/ul	95
17) Hexachloroethane	8.72	117	67803	20.05	ng/ul	95
20) Nitrobenzene	8.85	77	189628	21.24	ng/ul	90
21) Isophorone	9.37	82	312228	21.01	ng/ul#	96
23) 2-Nitrophenol	9.56	139	89747	22.54	ng/ul#	79
24) 2,4-Dimethylphenol	9.62	107	188562	19.98	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	9.86	93	211526	23.26	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	158302	20.45	ng/ul	98
28) Naphthalene	10.49	128	578464	22.09	ng/ul	99
30) 4-Chloroaniline	10.60	127	187082	25.66	ng/ul	99
31) Hexachlorobutadiene	10.77	225	96021	16.07	ng/ul	98
32) Caprolactam	11.35	113	39344	21.35	ng/ul#	71
33) 4-Chloro-3-methylphenol	11.73	107	163900	20.21	ng/ul	92
34) 2-Methylnaphthalene	12.11	142	400415	21.27	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	187877	19.32	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	99457	16.09	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	103612	19.95	ng/ul	96
39) 2,4,5-Trichlorophenol	12.80	196	117841	19.81	ng/ul	94
40) 1,1'-Biphenyl	13.13	154	512567	21.64	ng/ul#	98
41) 2-Chloronaphthalene	13.17	162	394560	21.51	ng/ul	96
42) 2-Nitroaniline	13.39	65	93400	21.25	ng/ul	89
44) Dimethylphthalate	13.77	163	469972	21.02	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	85670	21.65	ng/ul	97
47) Acenaphthylene	14.03	152	648771	22.36	ng/ul	98
48) 3-Nitroaniline	14.22	138	81267	22.30	ng/ul	95
49) Acenaphthene	14.37	153	422604	22.04	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	36860	16.99	ng/ul#	74
52) 4-Nitrophenol	14.53	109	56135	13.54	ng/ul#	45
53) Dibenzofuran	14.70	168	598326	21.38	ng/ul	87
54) 2,4-Dinitrotoluene	14.68	165	132285	22.95	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.94	232	94866	19.75	ng/ul	96
56) Diethylphthalate	15.14	149	451716	20.61	ng/ul	99
58) Fluorene	15.36	166	493612	21.85	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	233353	19.88	ng/ul	88
60) 4-Nitroaniline	15.38	138	94787	22.30	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.44	198	79644	21.60	ng/ul	92
64) N-Nitrosodiphenylamine	15.57	169	407424	22.13	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	124493	18.81	ng/ul	90
66) Hexachlorobenzene	16.36	284	143003	19.03	ng/ul	100
67) Atrazine	16.52	200	127890	20.18	ng/ul	96
68) Pentachlorophenol	16.71	266	66958	17.30	ng/ul	100
69) Phenanthrene	17.09	178	764813	21.94	ng/ul	99
71) Anthracene	17.19	178	784707	22.25	ng/ul	98
72) Carbazole	17.46	167	707423	23.38	ng/ul	98
73) Di-n-butylphthalate	18.02	149	705934	22.28	ng/ul#	98
74) Fluoranthene	19.12	202	854974	22.11	ng/ul#	85
77) Pyrene	19.48	202	924967	21.37	ng/ul#	84
78) Butylbenzylphthalate	20.39	149	302484	21.15	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.17	252	216947	18.42	ng/ul	98
80) Benzo(a)anthracene	21.23	228	856940	21.51	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	442638	21.84	ng/ul	100
82) Chrysene	21.29	228	825147	21.72	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	765169	20.16	ng/ul	100
85) Benzo(b)fluoranthene	22.79	252	835768	21.55	ng/ul#	94
86) Benzo(k)fluoranthene	22.84	252	798073	21.33	ng/ul#	97
88) Benzo(a)pyrene	23.36	252	798497	21.70	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.67	276	884920	21.70	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.68	278	758033	22.30	ng/ul#	94
91) Benzo(g,h,i)perylene	26.34	276	753803	21.80	ng/ul#	90

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

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