Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004228.D
Acq On : 12 Feb 2016 14:51
Operator : SJ/IZ
Sample : SSTD01057
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01057

Quant Time: Feb 12 16:27:15 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 16:10:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	26646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	118607	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	69636	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	147443	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	135736	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	125742	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	2135	4.24	ng/uL	0.00
5) Phenol-d5	6.82	99	20691	7.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	11864	8.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	18763	9.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	18020	8.08	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	8862	10.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	9821	10.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	18340	10.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	21771	9.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	59387	9.91	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	71038	10.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	8547	7.13	ng/ul	0.00
58) Fluorene-d10	15.30	176	50291	9.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	7304	8.04	ng/ul	0.00
71) Anthracene-d10	17.16	188	73208	10.21	ng/ul	0.00
79) Pyrene-d10	19.47	212	73436	12.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	66895	10.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	2542	4.08	ng/uL#	90
4) Benzaldehyde	6.79	77	13671	9.07	ng/ul	97
6) Phenol	6.85	94	22491	7.96	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	17723	8.86	ng/ul	98
10) 2-Chlorophenol	7.21	128	19506	9.16	ng/ul	99
11) 2-Methylphenol	8.10	108	17749	8.16	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.18	45	17764	8.14	ng/ul	98
14) Acetophenone	8.47	105	30500	8.58	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	14368	8.22	ng/ul	98
16) 4-Methylphenol	8.42	108	19654	7.98	ng/ul	99
17) Hexachloroethane	8.71	117	7887	10.18	ng/ul	99
20) Nitrobenzene	8.85	77	20866	9.60	ng/ul	98
21) Isophorone	9.36	82	40182	9.15	ng/ul	99
23) 2-Nitrophenol	9.56	139	11053	9.84	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	22967	9.63	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	24929	9.67	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	19133	9.91	ng/ul	99
28) Naphthalene	10.48	128	67360	10.09	ng/ul	100
30) 4-Chloroaniline	10.60	127	23117	9.32	ng/ul	99
31) Hexachlorobutadiene	10.76	225	13166	11.73	ng/ul	99
32) Caprolactam	11.35	113	5248	6.93	ng/ul	94
33) 4-Chloro-3-methylphenol	11.74	107	21252	8.87	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	48879	9.71	ng/ul	100

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35) 1-Methylnaphthalene	12.33	142	46466	9.67	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	24443	11.40	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	7524	8.62	ng/ul	98
39) 2,4,6-Trichlorophenol	12.73	196	15043	10.49	ng/ul	98
40) 2,4,5-Trichlorophenol	12.81	196	16174	10.15	ng/ul	98
41) 1,1'-Biphenyl	13.13	154	63043	10.58	ng/ul	98
42) 2-Chloronaphthalene	13.17	162	47700	10.60	ng/ul	99
43) 2-Nitroaniline	13.39	65	11076	8.55	ng/ul	99
45) Dimethylphthalate	13.76	163	62297	9.87	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	11429	9.40	ng/ul	99
48) Acenaphthylene	14.02	152	78726	10.24	ng/ul	100
49) 3-Nitroaniline	14.22	138	10925	8.25	ng/ul	100
50) Acenaphthene	14.37	153	53689	10.28	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	3781	5.53	ng/ul	97
53) 4-Nitrophenol	14.55	109	6665	6.89	ng/ul	91
54) Dibenzofuran	14.70	168	74547	10.05	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	16693	8.69	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.95	232	13267	9.40	ng/ul#	99
57) Diethylphthalate	15.13	149	62321	9.49	ng/ul	100
59) Fluorene	15.36	166	60087	9.74	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	29839	10.25	ng/ul	99
61) 4-Nitroaniline	15.39	138	11708	7.25	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	8194	8.22	ng/ul#	97
65) N-Nitrosodiphenylamine	15.57	169	50675	11.03	ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	17335	11.57	ng/ul	95
67) Hexachlorobenzene	16.37	284	19629	11.26	ng/ul	97
68) Atrazine	16.53	200	16867	9.87	ng/ul	100
69) Pentachlorophenol	16.72	266	7272	8.02	ng/ul	98
70) Phenanthrene	17.10	178	91456	10.16	ng/ul	99
72) Anthracene	17.19	178	92967	10.19	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	22847	12.91	ng/uL	100
74) Pentachlorobenzene	14.63	250	22689	12.16	ng/uL	98
75) Carbazole	17.47	167	77771	9.37	ng/ul	99
76) Di-n-butylphthalate	18.03	149	97327	9.79	ng/ul	100
77) Fluoranthene	19.13	202	96502	9.21	ng/ul	99
80) Pyrene	19.49	202	100561	12.05	ng/ul	100
81) Butylbenzylphthalate	20.40	149	38371	10.82	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.19	252	27218	9.76	ng/ul	99
83) Benzo(a)anthracene	21.26	228	88790	10.28	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	57384	10.73	ng/ul	100
85) Chrysene	21.31	228	84066	10.23	ng/ul	98
87) Di-n-octyl phthalate	22.06	149	95116	11.26	ng/ul	98
88) Benzo(b)fluoranthene	22.83	252	82169	10.24	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	81201	10.86	ng/ul	98
91) Benzo(a)pyrene	23.40	252	79375	10.24	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.74	276	89848	9.71	ng/ul	99
93) Dibenzo(a,h)anthracene	25.75	278	75312	9.76	ng/ul	99
94) Benzo(g,h,i)perylene	26.43	276	75425	9.56	ng/ul	98

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

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