Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008308.D
Acq On : 14 Dec 2016 14:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Dec 14 16:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:32:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	106421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	414075	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	269966	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	543334	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	713049	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	709979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	19168	8.48	ng/uL	0.00
5) Phenol-d5	6.86	99	166755	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	99425	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	133847	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	132529	20.72	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	64101	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	71988	21.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	132709	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	154413	22.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	390473	21.76	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	468180	22.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	45027	17.03	ng/ul	0.00
57) Fluorene-d10	15.31	176	338885	21.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	62427	19.30	ng/ul	0.00
70) Anthracene-d10	17.16	188	517547	21.86	ng/ul	0.00
76) Pyrene-d10	19.47	212	594755	21.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	652010	21.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	22989	8.69	ng/uL	97
4) Benzaldehyde	6.84	77	124901	22.86	ng/ul	93
6) Phenol	6.89	94	173662	20.26	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.11	93	135620	21.19	ng/ul	99
10) 2-Chlorophenol	7.24	128	136644	21.78	ng/ul	99
11) 2-Methylphenol	8.12	108	127285	20.29	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	151153	20.77	ng/ul	98
14) Acetophenone	8.50	105	210574	20.14	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	113082	21.05	ng/ul	96
16) 4-Methylphenol	8.45	108	139526	20.50	ng/ul	97
17) Hexachloroethane	8.73	117	62237	21.75	ng/ul	95
20) Nitrobenzene	8.87	77	166901	21.64	ng/ul	95
21) Isophorone	9.39	82	296789	21.40	ng/ul	99
23) 2-Nitrophenol	9.58	139	76053	22.43	ng/ul	92
24) 2,4-Dimethylphenol	9.64	107	166721	22.01	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	171735	21.80	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	133779	21.85	ng/ul	98
28) Naphthalene	10.49	128	426284	21.75	ng/ul	99
30) 4-Chloroaniline	10.63	127	161119	22.95	ng/ul	97
31) Hexachlorobutadiene	10.77	225	107600	21.62	ng/ul	97
32) Caprolactam	11.43	113	32490	16.91	ng/ul	95
33) 4-Chloro-3-methylphenol	11.76	107	140883	21.26	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	299975	21.18	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	189122	22.38	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	60239	17.64	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.74	196	105955	22.08	ng/ul	94
39) 2,4,5-Trichlorophenol	12.83	196	114442	21.87	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	394397	21.90	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	304221	22.03	ng/ul	99
42) 2-Nitroaniline	13.42	65	85837	21.02	ng/ul	95
44) Dimethylphthalate	13.77	163	382627	21.76	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	74719	21.81	ng/ul	95
47) Acenaphthylene	14.03	152	474293	21.98	ng/ul	98
48) 3-Nitroaniline	14.25	138	71689	21.00	ng/ul#	96
49) Acenaphthene	14.37	153	326643	22.02	ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	33715	16.97	ng/ul	94
52) 4-Nitrophenol	14.57	109	42487	16.75	ng/ul	99
53) Dibenzofuran	14.72	168	470456	21.76	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	109144	21.27	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.95	232	105746	21.88	ng/ul	96
56) Diethylphthalate	15.14	149	371840	21.25	ng/ul	99
58) Fluorene	15.37	166	379835	21.39	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	207122	21.94	ng/ul	98
60) 4-Nitroaniline	15.42	138	64435	19.61	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.48	198	64813	19.55	ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	324738	21.96	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	131250	22.00	ng/ul	98
66) Hexachlorobenzene	16.37	284	147233	21.78	ng/ul	95
67) Atrazine	16.54	200	122840	20.27	ng/ul	98
68) Pentachlorophenol	16.73	266	67457	18.45	ng/ul	99
69) Phenanthrene	17.11	178	597459	21.46	ng/ul	99
71) Anthracene	17.20	178	610804	21.61	ng/ul	99
72) Carbazole	17.49	167	522662	21.00	ng/ul	100
73) Di-n-butylphthalate	18.03	149	602930	21.66	ng/ul	100
74) Fluoranthene	19.13	202	721731	21.11	ng/ul	99
77) Pyrene	19.50	202	755760	21.59	ng/ul	99
78) Butylbenzylphthalate	20.40	149	275047	21.91	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.19	252	269876	21.60	ng/ul	99
80) Benzo(a)anthracene	21.24	228	794864	21.57	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	400408	21.77	ng/ul	99
82) Chrysene	21.30	228	770576	21.74	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	716403	21.03	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	811263	21.17	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	817513	22.29	ng/ul	99
88) Benzo(a)pyrene	23.40	252	818414	22.16	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	975142	21.75	ng/ul	99
90) Dibenzo(a,h)anthracene	25.74	278	814199	21.63	ng/ul	99
91) Benzo(g,h,i)perylene	26.42	276	808005	21.55	ng/ul	98

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

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