Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
Data File : BM008272.D
Acq On : 13 Dec 2016 14:47
Operator : UM/SJ
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 13 17:15:28 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 17:07:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	143122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	556030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	376130	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	783278	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1030079	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1051444	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	5602	1.58	ng/uL	0.00
5) Phenol-d5	6.87	99	46666	3.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	30203	4.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	36498	3.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	35615	3.33	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	18355	4.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	19621	4.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	36736	4.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	37090	3.80	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	118287	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	135625	3.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	10207	1.74	ng/ul	0.04
57) Fluorene-d10	15.32	176	103610	4.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	13231	2.82	ng/ul	0.01
70) Anthracene-d10	17.17	188	159090	4.54	ng/ul	0.00
78) Pyrene-d10	19.47	212	184238	4.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	200010	4.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	7863	1.83	ng/uL	94
4) Benzaldehyde	6.84	77	37234	6.28	ng/ul	88
6) Phenol	6.89	94	47750	3.60	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.12	93	38344	3.81	ng/ul	89
10) 2-Chlorophenol	7.29	128	1267	0.12	ng/ul	97
11) 2-Methylphenol	8.13	108	36196	3.45	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.21	45	46804	3.81	ng/ul	96
14) Acetophenone	8.50	105	62321	3.86	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.48	70	33726	4.13	ng/ul	92
16) 4-Methylphenol	8.46	108	38272	3.28	ng/ul	97
17) Hexachloroethane	8.73	117	18005	4.62	ng/ul	91
20) Nitrobenzene	8.88	77	47885	5.06	ng/ul#	89
21) Isophorone	9.40	82	85555	4.54	ng/ul	99
23) 2-Nitrophenol	9.59	139	19774	4.13	ng/ul#	80
24) 2,4-Dimethylphenol	9.65	107	46826	4.63	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.88	93	49699	4.23	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	36629	4.34	ng/ul	96
28) Naphthalene	10.50	128	123326	4.39	ng/ul	99
30) 4-Chloroaniline	10.64	127	40722	3.95	ng/ul	96
31) Hexachlorobutadiene	10.77	225	30964	6.03	ng/ul	97
32) Caprolactam	11.44	113	10906	3.41	ng/ul#	74
33) 4-Chloro-3-methylphenol	11.77	107	39882	4.12	ng/ul	92
34) 2-Methylnaphthalene	12.12	142	88900	4.24	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	55366	4.76	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	8155	1.18	ng/ul	90
38) 2,4,6-Trichlorophenol	12.75	196	29563	3.85	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	33300	3.94	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	115438	3.78	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	89828	3.91	ng/ul	97
42) 2-Nitroaniline	13.42	65	24465	3.69	ng/ul#	80
44) Dimethylphthalate	13.78	163	115283	3.81	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	20634	3.51	ng/ul#	74
47) Acenaphthylene	14.04	152	139125	3.68	ng/ul	99
48) 3-Nitroaniline	14.26	138	17133	2.85	ng/ul#	76
49) Acenaphthene	14.38	153	97031	3.83	ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	6772	1.74	ng/ul	89
52) 4-Nitrophenol	14.60	109	11115	2.31	ng/ul#	83
53) Dibenzofuran	14.72	168	142828	3.89	ng/ul	92
54) 2,4-Dinitrotoluene	14.72	165	30439	3.44	ng/ul#	42
55) 2,3,4,6-Tetrachlorophenol	14.96	232	31418	4.18	ng/ul#	86
56) Diethylphthalate	15.14	149	117407	3.84	ng/ul	99
58) Fluorene	15.37	166	116456	3.98	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	62349	4.38	ng/ul	90
60) 4-Nitroaniline	15.43	138	15774	2.24	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.50	198	14208	2.82	ng/ul#	75
64) N-Nitrosodiphenylamine	15.59	169	98421	4.33	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	40810	5.22	ng/ul#	90
66) Hexachlorobenzene	16.37	284	45250	5.09	ng/ul	93
67) Atrazine	16.54	200	37680	4.52	ng/ul	92
68) Pentachlorophenol	16.73	266	20524	3.71	ng/ul	90
69) Phenanthrene	17.11	178	189223	4.38	ng/ul	98
71) Anthracene	17.20	178	185244	4.28	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	52864	5.19	ng/uL	95
73) Pentachlorobenzene	14.64	250	53536	5.26	ng/uL	98
74) Carbazole	17.49	167	156034	4.04	ng/ul	99
75) Di-n-butylphthalate	18.03	149	185516	4.04	ng/ul#	98
76) Fluoranthene	19.13	202	227005	4.73	ng/ul	95
79) Pyrene	19.50	202	240937	4.09	ng/ul	95
80) Butylbenzylphthalate	20.40	149	85113	3.40	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.19	252	62865	3.13	ng/ul#	98
82) Benzo(a)anthracene	21.25	228	251448	4.26	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	121814	3.41	ng/ul#	97
84) Chrysene	21.30	228	246205	4.39	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	217766	3.50	ng/ul#	94
87) Benzo(b)fluoranthene	22.83	252	259453	4.31	ng/ul#	97
88) Benzo(k)fluoranthene	22.87	252	246927	4.27	ng/ul#	95
90) Benzo(a)pyrene	23.40	252	244686	4.19	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	303730	4.36	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.74	278	258316	4.46	ng/ul#	93
93) Benzo(g,h,i)perylene	26.43	276	254395	4.25	ng/ul#	92

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

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