Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
Data File : BM007522.D
Acq On : 23 Sep 2016 13:33
Operator : UM/SJ
Sample : SSTD00543
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00543

Quant Time: Sep 23 16:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 23 16:29:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	132915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	576587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	459439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1072192	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1608034	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1660035	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	5326	2.05	ng/uL	0.00
5) Phenol-d5	6.96	99	47233	3.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	29775	4.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	38829	4.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	41026	3.75	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	19006	4.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	19952	4.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	41055	4.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	40377	3.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	161390	4.07	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	185879	4.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	20858	2.79	ng/ul	0.00
57) Fluorene-d10	15.41	176	146910	4.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	24428	3.62	ng/ul	0.00
70) Anthracene-d10	17.26	188	243859	4.87	ng/ul	0.00
76) Pyrene-d10	19.55	212	311993	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	354004	4.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	6160	2.12	ng/uL#	86
4) Benzaldehyde	6.94	77	34884	4.88	ng/ul	99
6) Phenol	6.99	94	49797	3.82	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.22	93	39503	4.35	ng/ul	99
10) 2-Chlorophenol	7.35	128	38879	4.09	ng/ul	99
11) 2-Methylphenol	8.23	108	38177	3.75	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.32	45	43946	4.30	ng/ul#	94
14) Acetophenone	8.60	105	69269	4.12	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	35352	3.96	ng/ul	93
16) 4-Methylphenol	8.56	108	41771	3.66	ng/ul	94
17) Hexachloroethane	8.85	117	16980	4.59	ng/ul	99
20) Nitrobenzene	8.98	77	49531	4.56	ng/ul	97
21) Isophorone	9.50	82	93180	4.21	ng/ul	98
23) 2-Nitrophenol	9.69	139	21204	3.95	ng/ul	92
24) 2,4-Dimethylphenol	9.75	107	52150	4.40	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	55271	4.43	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	41347	4.23	ng/ul	97
28) Naphthalene	10.62	128	138917	4.84	ng/ul	99
30) 4-Chloroaniline	10.74	127	47613	3.77	ng/ul	98
31) Hexachlorobutadiene	10.90	225	33945	5.14	ng/ul	96
32) Caprolactam	11.50	113	10596	2.69	ng/ul	84
33) 4-Chloro-3-methylphenol	11.86	107	51588	4.26	ng/ul	92
34) 2-Methylnaphthalene	12.23	142	107267	4.57	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	65986	4.31	ng/ul	96
37) Hexachlorocyclopentadiene	12.58	237	24836	2.69	ng/ul	98
38) 2,4,6-Trichlorophenol	12.85	196	38731	3.58	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	41908	3.72	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	149577	4.20	ng/ul	97
41) 2-Chloronaphthalene	13.29	162	116417	4.17	ng/ul	98
42) 2-Nitroaniline	13.50	65	29740	3.26	ng/ul	92
44) Dimethylphthalate	13.87	163	158881	4.02	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	27564	3.42	ng/ul#	87
47) Acenaphthylene	14.14	152	185296	3.92	ng/ul	98
48) 3-Nitroaniline	14.33	138	27506	3.34	ng/ul	90
49) Acenaphthene	14.48	153	133012	4.32	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	13089	2.39	ng/ul	92
52) 4-Nitrophenol	14.65	109	23093	2.90	ng/ul	91
53) Dibenzofuran	14.82	168	200660	4.36	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	43434	3.51	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.05	232	43719	3.78	ng/ul#	96
56) Diethylphthalate	15.24	149	160289	3.89	ng/ul	98
58) Fluorene	15.46	166	165465	4.36	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	88839	4.48	ng/ul	96
60) 4-Nitroaniline	15.49	138	27813	2.98	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	25295	3.52	ng/ul	94
64) N-Nitrosodiphenylamine	15.67	169	141111	4.71	ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	56891	4.70	ng/ul	96
66) Hexachlorobenzene	16.47	284	64893	4.79	ng/ul	95
67) Atrazine	16.63	200	54431	4.31	ng/ul	97
68) Pentachlorophenol	16.82	266	34252	3.92	ng/ul	97
69) Phenanthrene	17.20	178	285987	4.97	ng/ul	99
71) Anthracene	17.29	178	287468	4.84	ng/ul	99
72) Carbazole	17.57	167	252690	4.89	ng/ul	98
73) Di-n-butylphthalate	18.12	149	267106	4.11	ng/ul	99
74) Fluoranthene	19.22	202	368455	5.10	ng/ul	97
77) Pyrene	19.58	202	393508	4.56	ng/ul	99
78) Butylbenzylphthalate	20.48	149	131449	3.66	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	136598	4.28	ng/ul	97
80) Benzo(a)anthracene	21.33	228	437120	4.61	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.25	149	192147	3.69	ng/ul	99
82) Chrysene	21.38	228	430480	5.01	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	361965	4.38	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	452063	4.61	ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	453171	5.00	ng/ul	99
88) Benzo(a)pyrene	23.51	252	438007	4.66	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.90	276	470173	4.08	ng/ul	96
90) Dibenzo(a,h)anthracene	25.91	278	385893	4.03	ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	397806	4.06	ng/ul	97

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

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