Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113016\
Data File : BG024943.D
Acq On : 30 Nov 2016 11:28
Operator : UM/SJ
Sample : SSTD02007
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 30 12:49:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 30 12:45:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	79915	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	344749	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	295703	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	604377	20.00	ng/ul	0.10
75) Chrysene-d12	21.90	240	913643	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	948146	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	12231	7.26	ng/uL	0.00
5) Phenol-d5	7.38	99	137622	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	86173	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	97806	18.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	113221	17.80	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	48985	18.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	59642	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	117848	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	115868	16.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	420009	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	449302	18.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	71108	18.59	ng/ul	0.00
57) Fluorene-d10	15.85	176	390336	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	82245	19.17	ng/ul	0.00
70) Anthracene-d10	17.71	188	606030	22.04	ng/ul	0.00
76) Pyrene-d10	19.97	212	772139	18.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	790010	18.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	15678	7.86	ng/uL#	89
4) Benzaldehyde	7.38	77	108479	22.88	ng/ul	93
6) Phenol	7.41	94	145913	19.16	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.65	93	101193	18.70	ng/ul	98
10) 2-Chlorophenol	7.81	128	98030	19.32	ng/ul#	78
11) 2-Methylphenol	8.68	108	103996	18.49	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.78	45	180378	19.52	ng/ul	99
14) Acetophenone	9.07	105	173417	18.79	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.05	70	103608	18.95	ng/ul	93
16) 4-Methylphenol	9.01	108	109376	17.71	ng/ul	94
17) Hexachloroethane	9.34	117	43997	19.03	ng/ul	93
20) Nitrobenzene	9.46	77	146018	18.38	ng/ul	96
21) Isophorone	9.98	82	288443	19.14	ng/ul	98
23) 2-Nitrophenol	10.18	139	61395	18.29	ng/ul	89
24) 2,4-Dimethylphenol	10.21	107	145720	18.78	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.46	93	148476	18.69	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	115588	18.45	ng/ul#	92
28) Naphthalene	11.13	128	320570	19.04	ng/ul	97
30) 4-Chloroaniline	11.23	127	120191	17.34	ng/ul	97
31) Hexachlorobutadiene	11.39	225	98809	19.84	ng/ul#	82
32) Caprolactam	11.99	113	46436	19.29	ng/ul	98
33) 4-Chloro-3-methylphenol	12.32	107	141477	18.14	ng/ul	95
34) 2-Methylnaphthalene	12.71	142	262040	19.11	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	173062	18.52	ng/ul	97
37) Hexachlorocyclopentadiene	13.04	237	95997	16.73	ng/ul	93
38) 2,4,6-Trichlorophenol	13.31	196	110155	18.39	ng/ul	88
39) 2,4,5-Trichlorophenol	13.38	196	124707	18.37	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	363918	19.14	ng/ul	99
41) 2-Chloronaphthalene	13.75	162	276717	18.44	ng/ul	98
42) 2-Nitroaniline	13.96	65	116103	18.99	ng/ul	97
44) Dimethylphthalate	14.30	163	403743	18.97	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	88403	19.04	ng/ul#	86
47) Acenaphthylene	14.59	152	443656	19.17	ng/ul	95
48) 3-Nitroaniline	14.77	138	77381	18.71	ng/ul#	99
49) Acenaphthene	14.93	153	297034	18.67	ng/ul	99
50) 2,4-Dinitrophenol	14.97	184	49850	15.66	ng/ul#	82
52) 4-Nitrophenol	15.06	109	82388	18.47	ng/ul	92
53) Dibenzofuran	15.26	168	472883	19.16	ng/ul	94
54) 2,4-Dinitrotoluene	15.22	165	131006	19.08	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.48	232	130844	18.98	ng/ul#	99
56) Diethylphthalate	15.66	149	433713	19.90	ng/ul	99
58) Fluorene	15.91	166	390300	19.27	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	216689	19.31	ng/ul	87
60) 4-Nitroaniline	15.93	138	89353	19.71	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.06	198	449	0.10	ng/ul#	91
64) N-Nitrosodiphenylamine	16.11	169	366315	21.71	ng/ul	97
65) 4-Bromophenyl-phenylether	16.78	248	157777	21.06	ng/ul	95
66) Hexachlorobenzene	16.91	284	182104	21.64	ng/ul	95
67) Atrazine	17.04	200	175913	23.06	ng/ul	96
68) Pentachlorophenol	17.25	266	102676	20.99	ng/ul	91
69) Phenanthrene	17.74	178	726455	23.37	ng/ul	97
71) Anthracene	17.74	178	724478	22.64	ng/ul	98
72) Carbazole	18.01	167	619235	23.42	ng/ul	98
73) Di-n-butylphthalate	18.53	149	755712	22.96	ng/ul#	97
74) Fluoranthene	19.64	202	898427	25.05	ng/ul	98
77) Pyrene	20.00	202	920956	19.45	ng/ul#	95
78) Butylbenzylphthalate	20.86	149	358811	19.31	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.78	252	333842	19.40	ng/ul	95
80) Benzo(a)anthracene	21.88	228	981246	19.54	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.73	149	486001	18.61	ng/ul	100
82) Chrysene	21.95	228	914416	19.32	ng/ul	97
84) Di-n-octyl phthalate	23.00	149	831368	19.57	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	971480	19.21	ng/ul	97
86) Benzo(k)fluoranthene	24.22	252	971480	20.07	ng/ul	99
88) Benzo(a)pyrene	25.14	252	931307	18.95	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.22	276	1140079	18.91	ng/ul	98
90) Dibenzo(a,h)anthracene	29.30	278	953504	18.96	ng/ul	99
91) Benzo(g,h,i)perylene	30.46	276	949574	19.14	ng/ul	98

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

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