Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
Data File : BG025825.D
Acq On : 10 Feb 2017 11:40
Operator : SJ/MA
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04007

Manual Integrations APPROVED
mohammad
2/13/2017 8:53:22 AM

Quant Time: Feb 10 12:29:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 12:09:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	78825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	403392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	292702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	625027	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	625877	20.00	ng/ul	0.00
85) Perylene-d12	24.89	264	607847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	27891	19.19	ng/uL	0.00
5) Phenol-d5	7.24	99	300845	48.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	183314	45.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	234104	51.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	250569	48.91	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	108661	38.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	120420	35.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	246320	39.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	339787	47.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	847174	42.02	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	1002351	45.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	172569	61.66	ng/ul	0.00
57) Fluorene-d10	15.68	176	739843	39.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	129306	32.54	ng/ul	0.00
70) Anthracene-d10	17.52	188	1123915	42.38	ng/ul	0.00
78) Pyrene-d10	19.79	212	1189769	49.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.68	264	1101205	43.82	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	29643	16.98	ng/uL#	65
4) Benzaldehyde	7.23	77	194303	45.25	ng/ul	96
6) Phenol	7.27	94	314188	48.64	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.51	93	231547	47.97	ng/ul#	81
10) 2-Chlorophenol	7.65	128	226908	49.19	ng/ul#	88
11) 2-Methylphenol	8.52	108	241393	50.83	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.62	45	324869	36.99	ng/ul#	88
14) Acetophenone	8.91	105	377223	47.54	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.89	70	193623	40.23	ng/ul	94
16) 4-Methylphenol	8.85	108	267042	50.90	ng/ul	97
17) Hexachloroethane	9.18	117	80146	36.74	ng/ul	97
20) Nitrobenzene	9.29	77	256338	28.60	ng/ul	98
21) Isophorone	9.82	82	562484	35.16	ng/ul	98
23) 2-Nitrophenol	10.00	139	131177	36.89	ng/ul#	92
24) 2,4-Dimethylphenol	10.05	107	281109	35.38	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	337934	40.49	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	244032	38.93	ng/ul	96
28) Naphthalene	10.95	128	791373	43.00	ng/ul	99
30) 4-Chloroaniline	11.04	127	327268	46.05	ng/ul	100
31) Hexachlorobutadiene	11.24	225	131912	21.63	ng/ul	97
32) Caprolactam	11.79	113	97227m	40.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	281994	39.06	ng/ul	92
34) 2-Methylnaphthalene	12.54	142	626057	43.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	281652	29.00	ng/ul	98
37) Hexachlorocyclopentadiene	12.89	237	166420	43.46	ng/ul	100
38) 2,4,6-Trichlorophenol	13.13	196	193069	36.01	ng/ul	97
39) 2,4,5-Trichlorophenol	13.20	196	210499	36.30	ng/ul	97
40) 1,1'-Biphenyl	13.54	154	823332	44.95	ng/ul	97
41) 2-Chloronaphthalene	13.58	162	603020	41.30	ng/ul	94
42) 2-Nitroaniline	13.77	65	186414	33.11	ng/ul	89
44) Dimethylphthalate	14.14	163	813818	41.65	ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	159762	39.28	ng/ul	96
47) Acenaphthylene	14.42	152	1000832	46.86	ng/ul	97
48) 3-Nitroaniline	14.58	138	182894	52.74	ng/ul	99
49) Acenaphthene	14.76	153	709018	47.07	ng/ul	99
50) 2,4-Dinitrophenol	14.78	184	80421	36.26	ng/ul#	88
52) 4-Nitrophenol	14.88	109	102270	27.54	ng/ul#	61
53) Dibenzofuran	15.09	168	988747	42.45	ng/ul	92
54) 2,4-Dinitrotoluene	15.04	165	234705	38.66	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.30	232	199544	33.27	ng/ul	97
56) Diethylphthalate	15.50	149	850025	41.49	ng/ul	98
58) Fluorene	15.73	166	820740	43.55	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.73	204	380856	35.25	ng/ul	90
60) 4-Nitroaniline	15.74	138	204402	59.14	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.80	198	139237	34.34	ng/ul#	90
64) N-Nitrosodiphenylamine	15.93	169	727500	45.40	ng/ul	96
65) 4-Bromophenyl-phenylether	16.61	248	251080	34.46	ng/ul#	90
66) Hexachlorobenzene	16.74	284	265914	31.38	ng/ul	90
67) Atrazine	16.87	200	264649	34.98	ng/ul	98
68) Pentachlorophenol	17.07	266	170062	45.99	ng/ul	96
69) Phenanthrene	17.47	178	1318610	43.49	ng/ul	98
71) Anthracene	17.56	178	1325807	43.31	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	278208	31.84	ng/uL	100
73) Pentachlorobenzene	15.01	250	290618	31.93	ng/uL	99
74) Carbazole	17.82	167	1257167	49.26	ng/ul	96
75) Di-n-butylphthalate	18.38	149	1405959	42.54	ng/ul	99
76) Fluoranthene	19.46	202	1453794	38.45	ng/ul#	94
79) Pyrene	19.82	202	1461733	51.52	ng/ul#	93
80) Butylbenzylphthalate	20.71	149	591693	51.19	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.57	252	495388	42.36	ng/ul	99
82) Benzo(a)anthracene	21.66	228	1385711	42.80	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.57	149	875730	52.59	ng/ul	97
84) Chrysene	21.73	228	1319366	43.06	ng/ul	97
86) Di-n-octyl phthalate	22.79	149	1501999	59.43	ng/ul#	96
87) Benzo(b)fluoranthene	23.88	252	1416895	46.94	ng/ul	99
88) Benzo(k)fluoranthene	23.94	252	1371046	47.21	ng/ul	96
90) Benzo(a)pyrene	24.75	252	1372827	47.00	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.56	276	1634175	44.27	ng/ul	94
92) Dibenzo(a,h)anthracene	28.63	278	1335671	43.09	ng/ul	97
93) Benzo(g,h,i)perylene	29.71	276	1344535	43.87	ng/ul	99

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

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