Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
Data File : BG026092.D
Acq On : 7 Mar 2017 12:11
Operator : SJ/MA
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04006

Manual Integrations APPROVED
mohammad
3/8/2017 1:47:45 PM

Quant Time: Mar 07 12:55:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 12:37:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	118107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	501379	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	322362	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	708591	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	901466	20.00	ng/ul	0.00
85) Perylene-d12	24.82	264	923417	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	43614	16.50	ng/uL	0.00
5) Phenol-d5	7.22	99	351300	31.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	218367	32.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	299465	35.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	276680	30.05	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	150343	46.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	133500	38.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	292663	39.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	387968	40.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	879824	37.24	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	1100289	40.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	173200	38.36	ng/ul	0.00
57) Fluorene-d10	15.65	176	805343	38.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	135550	37.50	ng/ul	0.00
70) Anthracene-d10	17.50	188	1297052	40.35	ng/ul	0.00
78) Pyrene-d10	19.77	212	1561697	36.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	1670304	40.72	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	47387	17.02	ng/uL#	77
4) Benzaldehyde	7.20	77	245332	36.06	ng/ul	93
6) Phenol	7.25	94	371061	31.91	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.48	93	294508	34.06	ng/ul#	86
10) 2-Chlorophenol	7.63	128	293007	35.64	ng/ul#	90
11) 2-Methylphenol	8.50	108	280920	31.50	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.60	45	339853	27.95	ng/ul#	91
14) Acetophenone	8.88	105	452919	32.55	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.87	70	215223	30.89	ng/ul	97
16) 4-Methylphenol	8.83	108	299516	30.02	ng/ul	97
17) Hexachloroethane	9.15	117	114264	38.62	ng/ul	84
20) Nitrobenzene	9.26	77	310719	40.86	ng/ul	95
21) Isophorone	9.78	82	593064	34.75	ng/ul	95
23) 2-Nitrophenol	9.97	139	147967	39.36	ng/ul#	91
24) 2,4-Dimethylphenol	10.03	107	301227	35.46	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.26	93	379150	36.13	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	281908	38.67	ng/ul	97
28) Naphthalene	10.92	128	968307	39.21	ng/ul	97
30) 4-Chloroaniline	11.01	127	375109	40.96	ng/ul	98
31) Hexachlorobutadiene	11.21	225	183910	44.09	ng/ul	98
32) Caprolactam	11.76	113	94143m	31.94	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	277365	32.83	ng/ul	91
34) 2-Methylnaphthalene	12.51	142	725781	37.40	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	354827	45.13	ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	187500	40.80	ng/ul	99
38) 2,4,6-Trichlorophenol	13.11	196	204020	39.67	ng/ul	98
39) 2,4,5-Trichlorophenol	13.18	196	221597	38.82	ng/ul	98
40) 1,1'-Biphenyl	13.51	154	915566	39.74	ng/ul	98
41) 2-Chloronaphthalene	13.55	162	684778	40.99	ng/ul	94
42) 2-Nitroaniline	13.74	65	178134	38.47	ng/ul	94
44) Dimethylphthalate	14.11	163	838674	36.75	ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	182170	45.91	ng/ul	96
47) Acenaphthylene	14.39	152	1102743	39.71	ng/ul	96
48) 3-Nitroaniline	14.56	138	205747	45.84	ng/ul	99
49) Acenaphthene	14.73	153	774748	39.21	ng/ul	98
50) 2,4-Dinitrophenol	14.77	184	76203	33.81	ng/ul	87
52) 4-Nitrophenol	14.86	109	100314	37.29	ng/ul#	62
53) Dibenzofuran	15.06	168	1076939	38.61	ng/ul	92
54) 2,4-Dinitrotoluene	15.02	165	280512	48.32	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.28	232	202360	38.11	ng/ul	91
56) Diethylphthalate	15.47	149	855877	36.13	ng/ul	96
58) Fluorene	15.71	166	903659	38.88	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.70	204	428845	39.66	ng/ul#	86
60) 4-Nitroaniline	15.72	138	232713	43.82	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.78	198	150319	38.78	ng/ul#	89
64) N-Nitrosodiphenylamine	15.91	169	777289	37.97	ng/ul	96
65) 4-Bromophenyl-phenylether	16.59	248	295472	41.96	ng/ul#	86
66) Hexachlorobenzene	16.71	284	316392	42.48	ng/ul	93
67) Atrazine	16.85	200	302095	40.88	ng/ul	97
68) Pentachlorophenol	17.05	266	174410	37.09	ng/ul	99
69) Phenanthrene	17.44	178	1496190	39.23	ng/ul	97
71) Anthracene	17.53	178	1513881	39.55	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.47	216	335310	43.26	ng/uL	99
73) Pentachlorobenzene	14.99	250	343307	42.22	ng/uL	98
74) Carbazole	17.79	167	1481430	43.00	ng/ul	96
75) Di-n-butylphthalate	18.35	149	1580902	40.15	ng/ul	98
76) Fluoranthene	19.44	202	1887032	47.64	ng/ul	97
79) Pyrene	19.80	202	1912076	35.19	ng/ul	97
80) Butylbenzylphthalate	20.68	149	708866	35.26	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.53	252	703596	43.35	ng/ul	99
82) Benzo(a)anthracene	21.62	228	1985648	39.16	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.53	149	1069439	35.68	ng/ul#	93
84) Chrysene	21.69	228	1883135	38.94	ng/ul	94
86) Di-n-octyl phthalate	22.73	149	1821939	33.92	ng/ul	100
87) Benzo(b)fluoranthene	23.82	252	2082061	38.79	ng/ul	98
88) Benzo(k)fluoranthene	23.88	252	2049522	39.66	ng/ul	96
90) Benzo(a)pyrene	24.68	252	2053091	39.96	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.46	276	2484112	40.95	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.52	278	2047960	40.84	ng/ul	98
93) Benzo(g,h,i)perylene	29.60	276	2050975	40.78	ng/ul	99

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

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