Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026435.D
Acq On : 27 Mar 2017 15:55
Operator : SJ/MA
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
3/28/2017 2:44:24 PM

Quant Time: Mar 27 17:01:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 27 15:45:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	165618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	690147	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	398046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	936889	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1015449	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1031571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	110061	28.57	ng/uL	0.00
5) Phenol-d5	7.21	99	1004094	81.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	555751	71.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	893492	89.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	816123	84.82	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	424760	85.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	512244	124.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	884232	96.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	941608	75.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.06	166	2386283	92.16	ng/ul	0.01
46) Acenaphthylene-d8	14.35	160	2908545	83.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	520524	102.09	ng/ul	0.01
57) Fluorene-d10	15.64	176	2120711	83.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	525460	119.53	ng/ul	0.00
70) Anthracene-d10	17.48	188	3136044m	73.76	ng/ul	0.00
78) Pyrene-d10	19.76	212	3331733	79.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.60	264	3548298	78.03	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	116983	27.27	ng/uL#	86
4) Benzaldehyde	7.18	77	558179	71.11	ng/ul	90
6) Phenol	7.24	94	1041581	81.66	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.46	93	781373	75.48	ng/ul	94
10) 2-Chlorophenol	7.61	128	858835	88.25	ng/ul	96
11) 2-Methylphenol	8.49	108	828293	85.23	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	739796	61.33	ng/ul	100
14) Acetophenone	8.87	105	1193371	75.63	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.86	70	548279	73.68	ng/ul#	92
16) 4-Methylphenol	8.82	108	877419	83.25	ng/ul	98
17) Hexachloroethane	9.13	117	317307	78.62	ng/ul	88
20) Nitrobenzene	9.25	77	796844	75.45	ng/ul	90
21) Isophorone	9.78	82	1517965	76.12	ng/ul#	93
23) 2-Nitrophenol	9.96	139	526345	120.92	ng/ul#	87
24) 2,4-Dimethylphenol	10.02	107	883257	90.19	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.25	93	1035798	79.63	ng/ul	98
27) 2,4-Dichlorophenol	10.50	162	851097	94.92	ng/ul	96
28) Naphthalene	10.90	128	2524562	75.08	ng/ul	95
30) 4-Chloroaniline	11.00	127	871560	72.90	ng/ul	97
31) Hexachlorobutadiene	11.18	225	537431	82.85	ng/ul	98
32) Caprolactam	11.77	113	314367m	97.52	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	833816	95.18	ng/ul#	86
34) 2-Methylnaphthalene	12.49	142	1956346	77.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	1000142	88.88	ng/ul	97
37) Hexachlorocyclopentadiene	12.84	237	559571	94.52	ng/ul	99
38) 2,4,6-Trichlorophenol	13.10	196	695132	118.84	ng/ul	95
39) 2,4,5-Trichlorophenol	13.17	196	716987	114.08	ng/ul	96
40) 1,1'-Biphenyl	13.49	154	2374293	81.13	ng/ul	92
41) 2-Chloronaphthalene	13.54	162	1848823	84.75	ng/ul	94
42) 2-Nitroaniline	13.74	65	496832	99.98	ng/ul	94
44) Dimethylphthalate	14.11	163	2266978	89.36	ng/ul#	96
45) 2,6-Dinitrotoluene	14.23	165	571722	110.32	ng/ul#	86
47) Acenaphthylene	14.38	152	2835103	80.91	ng/ul#	90
48) 3-Nitroaniline	14.55	138	519169	90.34	ng/ul	90
49) Acenaphthene	14.72	153	2032807	82.73	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	364248	150.94	ng/ul#	80
52) 4-Nitrophenol	14.88	109	278080	94.44	ng/ul#	58
53) Dibenzofuran	15.05	168	2775623	80.70	ng/ul	96
54) 2,4-Dinitrotoluene	15.01	165	807104	104.07	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.28	232	688049	122.48	ng/ul	90
56) Diethylphthalate	15.46	149	2287408	91.95	ng/ul#	91
58) Fluorene	15.70	166	2317273	81.14	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	1185783	86.97	ng/ul#	87
60) 4-Nitroaniline	15.72	138	627766	93.69	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.78	198	545157	114.72	ng/ul#	83
64) N-Nitrosodiphenylamine	15.90	169	2061631	80.07	ng/ul	93
65) 4-Bromophenyl-phenylether	16.57	248	830787	85.81	ng/ul#	85
66) Hexachlorobenzene	16.70	284	877939	82.68	ng/ul#	88
67) Atrazine	16.84	200	848846	91.30	ng/ul	96
68) Pentachlorophenol	17.04	266	564386	104.29	ng/ul	98
69) Phenanthrene	17.43	178	3480735	70.10	ng/ul#	89
71) Anthracene	17.52	178	3487582	69.69	ng/ul#	85
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	988734	88.21	ng/uL	99
73) Pentachlorobenzene	14.98	250	1105424	96.18	ng/uL	97
74) Carbazole	17.78	167	3331765	74.15	ng/ul#	90
75) Di-n-butylphthalate	18.33	149	3639930	80.05	ng/ul#	93
76) Fluoranthene	19.43	202	3867183	69.06	ng/ul#	89
79) Pyrene	19.79	202	3847674	74.31	ng/ul#	89
80) Butylbenzylphthalate	20.66	149	1784856	105.30	ng/ul#	92
81) 3,3'-Dichlorobenzidine	21.52	252	1506858	85.96	ng/ul	99
82) Benzo(a)anthracene	21.61	228	3962297	71.31	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.51	149	2488402	94.09	ng/ul#	86
84) Chrysene	21.68	228	3638943	68.45	ng/ul#	85
86) Di-n-octyl phthalate	22.70	149	4259342	92.20	ng/ul#	99
87) Benzo(b)fluoranthene	23.81	252	4492223	78.54	ng/ul	93
88) Benzo(k)fluoranthene	23.88	252	4132285	74.14	ng/ul#	91
90) Benzo(a)pyrene	24.68	252	4334023	77.10	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	28.45	276	5496841	81.13	ng/ul	94
92) Dibenzo(a,h)anthracene	28.51	278	4523442	80.91	ng/ul	97
93) Benzo(g,h,i)perylene	29.59	276	4559250	81.00	ng/ul	99

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

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