Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032917\
Data File : BG026497.D
Acq On : 30 Mar 2017 4:36
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02017

Manual Integrations APPROVED
mohammad
3/30/2017 2:31:08 PM

Quant Time: Mar 30 05:49:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 03:23:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	167505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	706591	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	404404	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	967294	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1115398	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1114792	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	28760	8.21	ng/uL	0.00
5) Phenol-d5	7.20	99	257809	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	145399	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	230187	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	208329	20.96	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	106745	21.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	125687	21.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	227609	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	285938	26.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	667887	21.33	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	833523	21.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	124365	20.41	ng/ul	0.00
57) Fluorene-d10	15.64	176	597288	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	123864	19.91	ng/ul	0.00
70) Anthracene-d10	17.48	188	914510	20.82	ng/ul	0.00
78) Pyrene-d10	19.75	212	1031698	20.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1008003	21.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	30058	8.04	ng/uL#	86
4) Benzaldehyde	7.18	77	150159	21.79	ng/ul	88
6) Phenol	7.23	94	273364	21.22	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.46	93	206371	20.99	ng/ul	95
10) 2-Chlorophenol	7.61	128	222246	20.77	ng/ul	96
11) 2-Methylphenol	8.48	108	211045	20.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.57	45	196258	21.17	ng/ul	99
14) Acetophenone	8.85	105	312197	20.92	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	143295	20.68	ng/ul	92
16) 4-Methylphenol	8.81	108	228876	20.99	ng/ul	98
17) Hexachloroethane	9.13	117	81639	20.61	ng/ul	96
20) Nitrobenzene	9.24	77	204047	20.34	ng/ul	89
21) Isophorone	9.76	82	397070	20.78	ng/ul	93
23) 2-Nitrophenol	9.95	139	133431	21.43	ng/ul#	86
24) 2,4-Dimethylphenol	10.01	107	233020	20.84	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.24	93	275094	20.84	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	224267	20.91	ng/ul	96
28) Naphthalene	10.89	128	713606	21.05	ng/ul	99
30) 4-Chloroaniline	10.99	127	263233	25.52	ng/ul	100
31) Hexachlorobutadiene	11.18	225	140944	20.65	ng/ul	98
32) Caprolactam	11.73	113	71292	18.82	ng/ul	94
33) 4-Chloro-3-methylphenol	12.11	107	210818	20.30	ng/ul	87
34) 2-Methylnaphthalene	12.49	142	553543	21.11	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	271985	21.36	ng/ul#	95
37) Hexachlorocyclopentadiene	12.83	237	124815	19.62	ng/ul	96
38) 2,4,6-Trichlorophenol	13.09	196	175123	20.73	ng/ul	95
39) 2,4,5-Trichlorophenol	13.16	196	180669	20.78	ng/ul	98
40) 1,1'-Biphenyl	13.48	154	702067	21.64	ng/ul	99
41) 2-Chloronaphthalene	13.53	162	518860	21.19	ng/ul	93
42) 2-Nitroaniline	13.73	65	117663	20.66	ng/ul	94
44) Dimethylphthalate	14.10	163	641175	21.13	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	138302	21.12	ng/ul#	82
47) Acenaphthylene	14.37	152	834751	21.49	ng/ul	97
48) 3-Nitroaniline	14.54	138	141510	23.45	ng/ul#	88
49) Acenaphthene	14.71	153	568822	21.10	ng/ul	100
50) 2,4-Dinitrophenol	14.76	184	61128	16.57	ng/ul#	79
52) 4-Nitrophenol	14.85	109	64990m	20.10	ng/ul	
53) Dibenzofuran	15.04	168	818445	21.35	ng/ul	88
54) 2,4-Dinitrotoluene	15.00	165	202232	21.36	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.27	232	177401	21.21	ng/ul#	86
56) Diethylphthalate	15.45	149	638679	21.17	ng/ul	96
58) Fluorene	15.69	166	671801	21.08	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	331278	21.16	ng/ul#	86
60) 4-Nitroaniline	15.70	138	153892	20.46	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.76	198	133402	20.43	ng/ul#	82
64) N-Nitrosodiphenylamine	15.89	169	579157	20.93	ng/ul	97
65) 4-Bromophenyl-phenylether	16.57	248	223309	20.99	ng/ul#	83
66) Hexachlorobenzene	16.69	284	234855	20.59	ng/ul#	90
67) Atrazine	16.83	200	221179	20.64	ng/ul	95
68) Pentachlorophenol	17.03	266	138345	20.38	ng/ul	97
69) Phenanthrene	17.42	178	1054133	20.80	ng/ul	99
71) Anthracene	17.52	178	1098369	21.18	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	272270	21.37	ng/uL	99
73) Pentachlorobenzene	14.97	250	304575	21.01	ng/uL	99
74) Carbazole	17.78	167	1001758	22.47	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1109254	21.10	ng/ul	99
76) Fluoranthene	19.42	202	1274883	23.54	ng/ul	99
79) Pyrene	19.78	202	1303192	20.98	ng/ul	99
80) Butylbenzylphthalate	20.66	149	512161	20.85	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.52	252	453352	23.42	ng/ul	99
82) Benzo(a)anthracene	21.60	228	1281333	21.24	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	728318	20.75	ng/ul#	92
84) Chrysene	21.67	228	1178941	21.14	ng/ul	98
86) Di-n-octyl phthalate	22.69	149	1239644	21.62	ng/ul#	95
87) Benzo(b)fluoranthene	23.79	252	1322242	20.91	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1273689	21.09	ng/ul	98
90) Benzo(a)pyrene	24.65	252	1281230	20.95	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.42	276	1520889	20.62	ng/ul#	91
92) Dibenzo(a,h)anthracene	28.47	278	1252529	20.34	ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	1260049	20.54	ng/ul	97

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

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