Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025672.D
Acq On : 26 Jan 2017 18:34
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
mohammad
1/27/2017 3:05:56 PM

Quant Time: Jan 27 04:46:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69174	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	330167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	258558	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	574247	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	683400	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	686990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	11511	8.33	ng/uL	0.00
5) Phenol-d5	7.34	99	136098	22.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	90774	23.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	98135	23.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	109686	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	49257	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	61209	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	114127	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	136319	22.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	372626	20.41	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	446343	22.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	42839	17.12	ng/ul	0.00
57) Fluorene-d10	15.80	176	362200	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	69846	19.72	ng/ul	0.00
70) Anthracene-d10	17.66	188	535808	21.91	ng/ul	0.00
76) Pyrene-d10	19.93	212	641285	22.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	644515	22.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	13782	8.44	ng/uL	96
4) Benzaldehyde	7.31	77	107399	26.31	ng/ul	97
6) Phenol	7.37	94	139403	22.38	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.58	93	106796	24.01	ng/ul	95
10) 2-Chlorophenol	7.74	128	97976	23.66	ng/ul	95
11) 2-Methylphenol	8.63	108	105402	22.72	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.70	45	201160	23.80	ng/ul	99
14) Acetophenone	9.01	105	171740	21.82	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.98	70	104514	22.19	ng/ul#	92
16) 4-Methylphenol	8.96	108	117299	23.06	ng/ul	97
17) Hexachloroethane	9.25	117	45078	23.37	ng/ul	94
20) Nitrobenzene	9.41	77	155628	20.77	ng/ul	96
21) Isophorone	9.92	82	285269	20.27	ng/ul	96
23) 2-Nitrophenol	10.12	139	62604	21.95	ng/ul#	84
24) 2,4-Dimethylphenol	10.16	107	139054	20.23	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.39	93	148769	20.95	ng/ul	95
27) 2,4-Dichlorophenol	10.66	162	112962	21.11	ng/ul	95
28) Naphthalene	11.06	128	329341	21.61	ng/ul#	96
30) 4-Chloroaniline	11.17	127	138927	22.39	ng/ul	88
31) Hexachlorobutadiene	11.31	225	96616	20.67	ng/ul	95
32) Caprolactam	11.94	113	42737	19.00	ng/ul	85
33) 4-Chloro-3-methylphenol	12.29	107	139914	21.53	ng/ul#	92
34) 2-Methylnaphthalene	12.64	142	260694	20.95	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	177892	22.85	ng/ul	93
37) Hexachlorocyclopentadiene	12.97	237	69745	22.70	ng/ul	100
38) 2,4,6-Trichlorophenol	13.25	196	103125	21.88	ng/ul	89
39) 2,4,5-Trichlorophenol	13.35	196	109948	22.24	ng/ul	94
40) 1,1'-Biphenyl	13.64	154	366456	22.87	ng/ul	95
41) 2-Chloronaphthalene	13.70	162	289759	23.30	ng/ul	97
42) 2-Nitroaniline	13.91	65	115665	21.45	ng/ul	95
44) Dimethylphthalate	14.25	163	373572	20.81	ng/ul	99
45) 2,6-Dinitrotoluene	14.39	165	83694	22.64	ng/ul#	93
47) Acenaphthylene	14.54	152	426439	22.21	ng/ul	99
48) 3-Nitroaniline	14.74	138	75594	22.61	ng/ul#	95
49) Acenaphthene	14.87	153	304335	22.25	ng/ul	99
50) 2,4-Dinitrophenol	14.97	184	44990	20.71	ng/ul#	84
52) 4-Nitrophenol	15.06	109	58349	16.83	ng/ul	91
53) Dibenzofuran	15.21	168	452375	21.52	ng/ul	98
54) 2,4-Dinitrotoluene	15.19	165	120357	21.35	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.44	232	108552	20.76	ng/ul#	96
56) Diethylphthalate	15.60	149	397963	20.50	ng/ul	99
58) Fluorene	15.85	166	367740	21.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.83	204	201963	20.86	ng/ul	91
60) 4-Nitroaniline	15.90	138	76401m	23.60	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.96	198	73928	20.25	ng/ul#	93
64) N-Nitrosodiphenylamine	16.05	169	339268	22.92	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	144839	21.73	ng/ul	91
66) Hexachlorobenzene	16.86	284	164887	21.77	ng/ul	95
67) Atrazine	16.99	200	151091	21.72	ng/ul	92
68) Pentachlorophenol	17.21	266	55734	17.69	ng/ul	90
69) Phenanthrene	17.60	178	626106	22.43	ng/ul	98
71) Anthracene	17.69	178	628660	22.40	ng/ul	99
72) Carbazole	17.97	167	539873	23.20	ng/ul	99
73) Di-n-butylphthalate	18.48	149	661693	21.99	ng/ul	99
74) Fluoranthene	19.60	202	757021	22.98	ng/ul	99
77) Pyrene	19.96	202	767467	22.84	ng/ul	99
78) Butylbenzylphthalate	20.81	149	309687	23.70	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.73	252	293135	23.38	ng/ul	94
80) Benzo(a)anthracene	21.83	228	805609	22.31	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	439644	24.10	ng/ul	99
82) Chrysene	21.89	228	751609	22.13	ng/ul	98
84) Di-n-octyl phthalate	22.91	149	741882	25.16	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	776093m	21.83	ng/ul	
86) Benzo(k)fluoranthene	24.22	252	772366	23.16	ng/ul	99
88) Benzo(a)pyrene	25.08	252	758074	22.54	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.17	276	903111m	21.20	ng/ul	
90) Dibenzo(a,h)anthracene	29.19	278	768998	21.67	ng/ul	97
91) Benzo(g,h,i)perylene	30.38	276	718919	20.55	ng/ul	95

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

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