Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028484.D
Acq On : 25 Aug 2017 9:12
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02086

Manual Integrations APPROVED
Sohil
8/28/2017 3:16:27 PM

Quant Time: Aug 25 23:04:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	43643	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	185078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	126921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	304522	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	362746	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	352664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	6438	6.87	ng/uL	0.00
5) Phenol-d5	7.49	99	78453	16.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	48629	16.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	57626	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	65147	16.26	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	30319	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	34605	21.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	69328	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	79118	21.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	211930	18.77	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	251747	19.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	31511	17.56	ng/ul	0.00
57) Fluorene-d10	15.94	176	190506	18.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	35932	18.16	ng/ul	0.00
70) Anthracene-d10	17.79	188	288996m	19.79	ng/ul	0.00
76) Pyrene-d10	20.07	212	330672	17.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	328792	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	8382	8.52	ng/uL#	76
4) Benzaldehyde	7.48	77	48368	17.46	ng/ul	95
6) Phenol	7.52	94	78343	16.45	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.75	93	54551	16.81	ng/ul	92
10) 2-Chlorophenol	7.91	128	55196	18.73	ng/ul	92
11) 2-Methylphenol	8.77	108	54531	16.22	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.86	45	111522	14.16	ng/ul	96
14) Acetophenone	9.16	105	95696	16.75	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.13	70	51472	15.85	ng/ul	95
16) 4-Methylphenol	9.10	108	60594	15.96	ng/ul	95
17) Hexachloroethane	9.43	117	24377	19.96	ng/ul	95
20) Nitrobenzene	9.55	77	77879	18.59	ng/ul	97
21) Isophorone	10.06	82	141397	17.77	ng/ul#	97
23) 2-Nitrophenol	10.27	139	33731	21.06	ng/ul#	78
24) 2,4-Dimethylphenol	10.31	107	76533	19.22	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.54	93	79359	18.30	ng/ul	97
27) 2,4-Dichlorophenol	10.80	162	60488	20.24	ng/ul	97
28) Naphthalene	11.21	128	179385	19.57	ng/ul	95
30) 4-Chloroaniline	11.31	127	72446	20.45	ng/ul	91
31) Hexachlorobutadiene	11.48	225	48771	22.11	ng/ul	94
32) Caprolactam	12.07	113	22258	17.91	ng/ul	93
33) 4-Chloro-3-methylphenol	12.42	107	72690	19.05	ng/ul	95
34) 2-Methylnaphthalene	12.79	142	143802	19.53	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	89695	21.92	ng/ul#	90
37) Hexachlorocyclopentadiene	13.12	237	28379	12.57	ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	57965	22.73	ng/ul	97
39) 2,4,5-Trichlorophenol	13.47	196	63003	22.67	ng/ul	98
40) 1,1'-Biphenyl	13.78	154	184168	19.87	ng/ul	99
41) 2-Chloronaphthalene	13.83	162	146762	20.03	ng/ul	97
42) 2-Nitroaniline	14.03	65	58644	19.09	ng/ul	98
44) Dimethylphthalate	14.39	163	189531	18.23	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	42617	19.86	ng/ul#	91
47) Acenaphthylene	14.67	152	240131	19.74	ng/ul	98
48) 3-Nitroaniline	14.85	138	39085	20.23	ng/ul#	98
49) Acenaphthene	15.01	153	163923	19.97	ng/ul	94
50) 2,4-Dinitrophenol	15.07	184	14702	12.16	ng/ul	92
52) 4-Nitrophenol	15.17	109	32474	17.46	ng/ul	93
53) Dibenzofuran	15.34	168	235434	19.68	ng/ul	95
54) 2,4-Dinitrotoluene	15.31	165	60916	18.73	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.57	232	55923	21.61	ng/ul	92
56) Diethylphthalate	15.74	149	213272	17.49	ng/ul	98
58) Fluorene	16.00	166	197916	18.68	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.97	204	107894	18.98	ng/ul	85
60) 4-Nitroaniline	16.01	138	40913	17.85	ng/ul	82
63) 4,6-Dinitro-2-methylphenol	16.07	198	34654	17.28	ng/ul#	97
64) N-Nitrosodiphenylamine	16.19	169	169186	21.12	ng/ul	95
65) 4-Bromophenyl-phenylether	16.87	248	73155	22.35	ng/ul	93
66) Hexachlorobenzene	17.01	284	78530	22.54	ng/ul	93
67) Atrazine	17.13	200	72739	20.83	ng/ul	96
68) Pentachlorophenol	17.35	266	33143	18.78	ng/ul	87
69) Phenanthrene	17.74	178	308476	20.13	ng/ul	97
71) Anthracene	17.83	178	317655	20.28	ng/ul	98
72) Carbazole	18.10	167	270408	19.85	ng/ul	99
73) Di-n-butylphthalate	18.62	149	332752	19.62	ng/ul	98
74) Fluoranthene	19.74	202	374341	20.10	ng/ul	98
77) Pyrene	20.10	202	392152	18.12	ng/ul	97
78) Butylbenzylphthalate	20.96	149	151101	18.64	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	144602	20.66	ng/ul	98
80) Benzo(a)anthracene	22.01	228	409482	19.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.86	149	217465	18.86	ng/ul	97
82) Chrysene	22.08	228	368003	19.50	ng/ul	97
84) Di-n-octyl phthalate	23.16	149	376013	17.79	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	399411	18.93	ng/ul	98
86) Benzo(k)fluoranthene	24.49	252	399985	19.40	ng/ul	98
88) Benzo(a)pyrene	25.36	252	399234	19.54	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.57	276	456590	19.08	ng/ul	98
90) Dibenzo(a,h)anthracene	29.62	278	390152	19.45	ng/ul	96
91) Benzo(g,h,i)perylene	30.82	276	356678	18.12	ng/ul	98

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

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