Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028305.D
Acq On : 12 Aug 2017 00:53
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
sohil
8/14/2017 6:59:14 PM

Quant Time: Aug 12 01:58:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 01:43:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	43050	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	198610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	135880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	310899	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	328758	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	317355	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	5901	6.38	ng/uL	0.00
5) Phenol-d5	7.51	99	87474	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	53663	17.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	60796	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	72551	18.36	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	32004	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	38856	22.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	75914	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	86985	22.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	233953	19.36	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	290192	21.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	34350	17.88	ng/ul	0.00
57) Fluorene-d10	15.96	176	212665	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43511	21.54	ng/ul	0.00
70) Anthracene-d10	17.81	188	304479	20.42	ng/ul	0.00
76) Pyrene-d10	20.09	212	331729	19.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	312195	21.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	7790	8.023	ng/uL#	84
4) Benzaldehyde	7.50	77	55037	20.143	ng/ul	95
6) Phenol	7.54	94	86851	18.483	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.77	93	59420	18.564	ng/ul	98
10) 2-Chlorophenol	7.92	128	59223	20.375	ng/ul	96
11) 2-Methylphenol	8.79	108	63339	19.097	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.88	45	132206	17.015	ng/ul	95
14) Acetophenone	9.18	105	105918	18.794	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.15	70	61177	19.100	ng/ul	87
16) 4-Methylphenol	9.12	108	70093	18.716	ng/ul	96
17) Hexachloroethane	9.44	117	24078	19.991	ng/ul	91
20) Nitrobenzene	9.57	77	88308	19.642	ng/ul	96
21) Isophorone	10.09	82	167041	19.557	ng/ul#	96
23) 2-Nitrophenol	10.28	139	37074	21.567	ng/ul	91
24) 2,4-Dimethylphenol	10.33	107	87213	20.411	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.56	93	89950	19.334	ng/ul#	92
27) 2,4-Dichlorophenol	10.82	162	69730	21.742	ng/ul	95
28) Naphthalene	11.23	128	198844	20.215	ng/ul	99
30) 4-Chloroaniline	11.33	127	84540	22.239	ng/ul	93
31) Hexachlorobutadiene	11.50	225	52455	22.158	ng/ul	91
32) Caprolactam	12.08	113	23890	17.913	ng/ul	80
33) 4-Chloro-3-methylphenol	12.44	107	83359	20.363	ng/ul	95
34) 2-Methylnaphthalene	12.81	142	158990	20.123	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	100621	22.974 ng/ul	95
37) Hexachlorocyclopentadiene	13.14	237	43069	17.821 ng/ul	98
38) 2,4,6-Trichlorophenol	13.41	196	66469	24.349 ng/ul	90
39) 2,4,5-Trichlorophenol	13.48	196	69424	23.333 ng/ul	94
40) 1,1'-Biphenyl	13.80	154	210183	21.179 ng/ul	100
41) 2-Chloronaphthalene	13.85	162	170317	21.717 ng/ul	95
42) 2-Nitroaniline	14.05	65	65112	19.802 ng/ul	98
44) Dimethylphthalate	14.40	163	216859	19.488 ng/ul	97
45) 2,6-Dinitrotoluene	14.53	165	49066	21.356 ng/ul#	85
47) Acenaphthylene	14.69	152	269950	20.731 ng/ul	99
48) 3-Nitroaniline	14.87	138	42631	20.606 ng/ul#	94
49) Acenaphthene	15.03	153	180866	20.585 ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	26624	20.567 ng/ul	84
52) 4-Nitrophenol	15.17	109	32031	16.088 ng/ul#	84
53) Dibenzofuran	15.36	168	254790	19.890 ng/ul	94
54) 2,4-Dinitrotoluene	15.32	165	66474	19.091 ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.59	232	61366	22.145 ng/ul#	96
56) Diethylphthalate	15.76	149	238014	18.233 ng/ul	99
58) Fluorene	16.01	166	218707	19.284 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.99	204	122077	20.063 ng/ul#	86
60) 4-Nitroaniline	16.03	138	41016m	16.711 ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.08	198	44221	21.593 ng/ul	98
64) N-Nitrosodiphenylamine	16.20	169	181308	22.167 ng/ul	95
65) 4-Bromophenyl-phenylether	16.89	248	76493	22.892 ng/ul	89
66) Hexachlorobenzene	17.02	284	80697	22.685 ng/ul	95
67) Atrazine	17.14	200	74667	20.939 ng/ul	97
68) Pentachlorophenol	17.37	266	38336	21.276 ng/ul	92
69) Phenanthrene	17.75	178	318007	20.325 ng/ul	98
71) Anthracene	17.85	178	331698	20.743 ng/ul	97
72) Carbazole	18.12	167	274938	19.770 ng/ul	99
73) Di-n-butylphthalate	18.64	149	352724	20.374 ng/ul#	96
74) Fluoranthene	19.75	202	370631	19.492 ng/ul	99
77) Pyrene	20.12	202	385584	19.659 ng/ul	99
78) Butylbenzylphthalate	20.98	149	157139	21.385 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.93	252	140296	22.119 ng/ul	97
80) Benzo(a)anthracene	22.03	228	395845	20.839 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	213824	20.461 ng/ul	99
82) Chrysene	22.10	228	353473	20.662 ng/ul	99
84) Di-n-octyl phthalate	23.18	149	378726	19.914 ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	396777m	20.893 ng/ul	
86) Benzo(k)fluoranthene	24.50	252	373330	20.125 ng/ul	99
88) Benzo(a)pyrene	25.39	252	375445	20.418 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.59	276	458851	21.310 ng/ul	97
90) Dibenzo(a,h)anthracene	29.65	278	384557	21.308 ng/ul	96
91) Benzo(g,h,i)perylene	30.85	276	363888	20.542 ng/ul	98

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

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