Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028382.D
Acq On : 16 Aug 2017 22:16
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02074

Manual Integrations APPROVED
Sohil
8/17/2017 6:01:36 PM

Quant Time: Aug 17 08:15:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 06:52:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35816	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	160922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	126186	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	332143	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	366144	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	348220	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	5161	6.71	ng/uL	0.00
5) Phenol-d5	7.50	99	65983	16.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	41482	16.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	46519	18.75	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	58176	17.70	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	25181	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29914	21.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	59205	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	72748	22.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	215518	19.20	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	241160	19.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	31342	17.56	ng/ul	0.00
57) Fluorene-d10	15.94	176	187017	18.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	39127	18.13	ng/ul	0.00
70) Anthracene-d10	17.80	188	305904m	19.21	ng/ul	0.00
76) Pyrene-d10	20.08	212	336916	17.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	308829	18.94	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	5938	7.351	ng/uL	95
4) Benzaldehyde	7.48	77	42111	18.525	ng/ul#	78
6) Phenol	7.53	94	67136	17.174	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.75	93	46104	17.313	ng/ul	98
10) 2-Chlorophenol	7.91	128	43592	18.027	ng/ul	99
11) 2-Methylphenol	8.78	108	48006	17.397	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.86	45	99572	15.403	ng/ul#	93
14) Acetophenone	9.16	105	81513	17.385	ng/ul#	95
15) N-Nitroso-di-n-propylamine	9.14	70	47435	17.801	ng/ul#	88
16) 4-Methylphenol	9.11	108	55866	17.930	ng/ul	97
17) Hexachloroethane	9.43	117	18316	18.278	ng/ul	98
20) Nitrobenzene	9.55	77	67024	18.400	ng/ul	99
21) Isophorone	10.07	82	131870	19.055	ng/ul	99
23) 2-Nitrophenol	10.27	139	27940	20.060	ng/ul	95
24) 2,4-Dimethylphenol	10.32	107	69366	20.037	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.55	93	71583	18.990	ng/ul#	89
27) 2,4-Dichlorophenol	10.81	162	54598	21.011	ng/ul	95
28) Naphthalene	11.21	128	153079	19.207	ng/ul	98
30) 4-Chloroaniline	11.31	127	67783	22.007	ng/ul	89
31) Hexachlorobutadiene	11.49	225	39075	20.372	ng/ul	95
32) Caprolactam	12.07	113	22184	20.530	ng/ul	81
33) 4-Chloro-3-methylphenol	12.42	107	72820	21.954	ng/ul	94
34) 2-Methylnaphthalene	12.80	142	126069	19.693	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	81005	19.916 ng/ul#	95
37) Hexachlorocyclopentadiene	13.13	237	36730	16.366 ng/ul	97
38) 2,4,6-Trichlorophenol	13.39	196	55505	21.895 ng/ul	97
39) 2,4,5-Trichlorophenol	13.47	196	60085	21.745 ng/ul	90
40) 1,1'-Biphenyl	13.78	154	172458	18.713 ng/ul	97
41) 2-Chloronaphthalene	13.84	162	135113	18.552 ng/ul	97
42) 2-Nitroaniline	14.04	65	57983	18.989 ng/ul	96
44) Dimethylphthalate	14.39	163	194805	18.851 ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	43091	20.196 ng/ul#	91
47) Acenaphthylene	14.68	152	231316	19.128 ng/ul	96
48) 3-Nitroaniline	14.86	138	39091	20.347 ng/ul	97
49) Acenaphthene	15.02	153	150595	18.457 ng/ul	97
50) 2,4-Dinitrophenol	15.06	184	22107m	18.389 ng/ul	
52) 4-Nitrophenol	15.16	109	31868	17.235 ng/ul	90
53) Dibenzofuran	15.35	168	224666	18.885 ng/ul	96
54) 2,4-Dinitrotoluene	15.31	165	64242	19.868 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.57	232	57777	22.451 ng/ul#	97
56) Diethylphthalate	15.74	149	220038	18.150 ng/ul	98
58) Fluorene	16.00	166	197409	18.743 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	107112	18.956 ng/ul#	82
60) 4-Nitroaniline	16.02	138	41890	18.378 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.07	198	39092	17.868 ng/ul#	97
64) N-Nitrosodiphenylamine	16.19	169	171541	19.631 ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	73320	20.539 ng/ul	98
66) Hexachlorobenzene	17.01	284	77120	20.293 ng/ul	92
67) Atrazine	17.13	200	74223	19.483 ng/ul	93
68) Pentachlorophenol	17.35	266	36354	18.886 ng/ul	96
69) Phenanthrene	17.74	178	317358	18.986 ng/ul	98
71) Anthracene	17.84	178	329787	19.304 ng/ul	98
72) Carbazole	18.11	167	277051	18.647 ng/ul	99
73) Di-n-butylphthalate	18.63	149	349441	18.894 ng/ul#	96
74) Fluoranthene	19.74	202	383131	18.860 ng/ul	99
77) Pyrene	20.10	202	394345	18.052 ng/ul	99
78) Butylbenzylphthalate	20.97	149	156921	19.175 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	135228	19.143 ng/ul	97
80) Benzo(a)anthracene	22.01	228	400862	18.948 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.87	149	222449	19.113 ng/ul	99
82) Chrysene	22.08	228	351744	18.461 ng/ul	97
84) Di-n-octyl phthalate	23.17	149	380286	18.223 ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	398710m	19.134 ng/ul	
86) Benzo(k)fluoranthene	24.49	252	375077	18.427 ng/ul	96
88) Benzo(a)pyrene	25.37	252	379826	18.826 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.55	276	456838	19.336 ng/ul	99
90) Dibenzo(a,h)anthracene	29.61	278	381104	19.245 ng/ul	95
91) Benzo(g,h,i)perylene	30.82	276	372893	19.185 ng/ul	99

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

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