Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028590.D
Acq On : 6 Sep 2017 20:45
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
Sohil
9/7/2017 10:42:29 AM

Quant Time: Sep 07 04:25:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 07 02:23:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	42125	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	176151	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	119498	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	291649	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	332442	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	317718	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	7142	7.90	ng/uL	0.00
5) Phenol-d5	7.49	99	79291	17.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	49640	16.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	57624	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	65678	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	27771	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	34800	23.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	65858	21.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	78700	22.63	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	209209	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	252586	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	28607	16.93	ng/ul	0.00
57) Fluorene-d10	15.94	176	189354	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	36602	19.32	ng/ul	0.00
70) Anthracene-d10	17.80	188	290675	20.78	ng/ul	0.00
76) Pyrene-d10	20.08	212	325459	19.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	308449	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	8161	8.589	ng/uL#	77
4) Benzaldehyde	7.48	77	50968	19.063	ng/ul#	84
6) Phenol	7.52	94	77424	16.839	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.74	93	53637	17.125	ng/ul	99
10) 2-Chlorophenol	7.91	128	55183	19.402	ng/ul	93
11) 2-Methylphenol	8.77	108	56355	17.364	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.86	45	111489	14.664	ng/ul	97
14) Acetophenone	9.17	105	91358	16.566	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.13	70	52193	16.653	ng/ul#	91
16) 4-Methylphenol	9.10	108	62200	16.973	ng/ul	93
17) Hexachloroethane	9.42	117	24121	20.466	ng/ul	99
20) Nitrobenzene	9.55	77	79409	19.915	ng/ul	97
21) Isophorone	10.06	82	140527	18.551	ng/ul	99
23) 2-Nitrophenol	10.26	139	32534	21.339	ng/ul	92
24) 2,4-Dimethylphenol	10.31	107	75353	19.884	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.54	93	77930	18.886	ng/ul#	89
27) 2,4-Dichlorophenol	10.81	162	61755	21.710	ng/ul	91
28) Naphthalene	11.21	128	181770	20.835	ng/ul	99
30) 4-Chloroaniline	11.32	127	71510	21.210	ng/ul	92
31) Hexachlorobutadiene	11.48	225	48686	23.188	ng/ul#	88
32) Caprolactam	12.07	113	22606	19.112	ng/ul	93
33) 4-Chloro-3-methylphenol	12.42	107	71375	19.658	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	138405	19.751	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	90667	23.539 ng/ul	93
37) Hexachlorocyclopentadiene	13.13	237	25561	12.027 ng/ul	91
38) 2,4,6-Trichlorophenol	13.39	196	57201	23.827 ng/ul	89
39) 2,4,5-Trichlorophenol	13.47	196	61423	23.473 ng/ul	93
40) 1,1'-Biphenyl	13.78	154	185510	21.256 ng/ul	96
41) 2-Chloronaphthalene	13.83	162	145359	21.076 ng/ul	95
42) 2-Nitroaniline	14.04	65	57334	19.827 ng/ul	96
44) Dimethylphthalate	14.38	163	189324	19.346 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	41168	20.375 ng/ul	97
47) Acenaphthylene	14.68	152	237952	20.778 ng/ul	98
48) 3-Nitroaniline	14.86	138	36275	19.938 ng/ul#	94
49) Acenaphthene	15.01	153	159282	20.614 ng/ul	94
50) 2,4-Dinitrophenol	15.08	184	17079m	15.002 ng/ul	
52) 4-Nitrophenol	15.16	109	27247	15.561 ng/ul#	75
53) Dibenzofuran	15.35	168	234032	20.774 ng/ul	94
54) 2,4-Dinitrotoluene	15.31	165	61548	20.100 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.58	232	55657	22.838 ng/ul#	93
56) Diethylphthalate	15.74	149	209950	18.288 ng/ul	96
58) Fluorene	15.99	166	196216	19.673 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	110286	20.610 ng/ul	86
60) 4-Nitroaniline	16.02	138	38135m	17.667 ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.08	198	35573	18.517 ng/ul#	94
64) N-Nitrosodiphenylamine	16.19	169	161456	21.043 ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	71298	22.745 ng/ul	92
66) Hexachlorobenzene	17.01	284	79288	23.760 ng/ul	98
67) Atrazine	17.13	200	70334	21.025 ng/ul	97
68) Pentachlorophenol	17.36	266	30199	17.867 ng/ul	95
69) Phenanthrene	17.74	178	299777	20.424 ng/ul	98
71) Anthracene	17.84	178	316529	21.101 ng/ul	98
72) Carbazole	18.11	167	262948	20.155 ng/ul	98
73) Di-n-butylphthalate	18.63	149	333125	20.512 ng/ul	98
74) Fluoranthene	19.74	202	369199	20.698 ng/ul	99
77) Pyrene	20.11	202	385794	19.451 ng/ul	98
78) Butylbenzylphthalate	20.96	149	149987	20.186 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	142692	22.247 ng/ul	94
80) Benzo(a)anthracene	22.02	228	388537	20.228 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.86	149	211268	19.993 ng/ul	95
82) Chrysene	22.09	228	350424	20.257 ng/ul	98
84) Di-n-octyl phthalate	23.17	149	368982	19.379 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	380922	20.035 ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	379971	20.460 ng/ul	96
88) Benzo(a)pyrene	25.38	252	373119	20.269 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.59	276	457046	21.202 ng/ul	99
90) Dibenzo(a,h)anthracene	29.64	278	379605	21.009 ng/ul#	92
91) Benzo(g,h,i)perylene	30.85	276	366798	20.683 ng/ul	96

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

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