Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030734.D
Acq On : 5 Nov 2017 12:28
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Manual Integrations APPROVED
Sohil
11/6/2017 2:19:24 PM

Quant Time: Nov 06 00:47:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 08:10:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	279211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	180130	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	436027	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	544794	20.00	ng/ul	0.01
83) Perylene-d12	25.11	264	584933	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	14246	8.89	ng/uL	0.00
5) Phenol-d5	7.31	99	102234	16.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	59578	15.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	83845	19.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	86030	17.03	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	40186	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	42598	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	88115	18.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	107877	19.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	281516	18.28	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	358245	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	47971	16.87	ng/ul	0.01
57) Fluorene-d10	15.76	176	258787	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	48240	22.67	ng/ul	0.00
70) Anthracene-d10	17.61	188	411782	19.97	ng/ul	0.00
76) Pyrene-d10	19.89	212	502287	17.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	549264	19.83	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	14566	7.452	ng/uL	86
4) Benzaldehyde	7.28	77	65278	16.895	ng/ul	90
6) Phenol	7.34	94	106294	16.428	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.56	93	83286	16.910	ng/ul	86
10) 2-Chlorophenol	7.71	128	84785	18.803	ng/ul#	86
11) 2-Methylphenol	8.59	108	79447	16.424	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.68	45	118135	16.365	ng/ul#	94
14) Acetophenone	8.97	105	127100	16.480	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.95	70	64698	15.138	ng/ul#	90
16) 4-Methylphenol	8.92	108	85934	16.306	ng/ul	94
17) Hexachloroethane	9.24	117	33070	18.367	ng/ul	94
20) Nitrobenzene	9.36	77	90744	16.605	ng/ul#	86
21) Isophorone	9.88	82	178650	15.472	ng/ul	94
23) 2-Nitrophenol	10.08	139	46283	20.308	ng/ul#	72
24) 2,4-Dimethylphenol	10.13	107	93850	16.934	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.36	93	113307	16.302	ng/ul	95
27) 2,4-Dichlorophenol	10.62	162	87089	19.433	ng/ul	94
28) Naphthalene	11.02	128	268588	18.180	ng/ul	100
30) 4-Chloroaniline	11.12	127	110196	20.710	ng/ul	95
31) Hexachlorobutadiene	11.30	225	65337	23.340	ng/ul	97
32) Caprolactam	11.87	113	33576	17.506	ng/ul	88
33) 4-Chloro-3-methylphenol	12.24	107	88334	16.800	ng/ul#	92
34) 2-Methylnaphthalene	12.61	142	205893	16.835	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	122974	23.038	ng/ul#	90
37) Hexachlorocyclopentadiene	12.95	237	40492	14.391	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.21	196	77453	20.944	ng/ul	94
39) 2,4,5-Trichlorophenol	13.29	196	80902	20.720	ng/ul	94
40) 1,1'-Biphenyl	13.61	154	271417	18.276	ng/ul	98
41) 2-Chloronaphthalene	13.65	162	217750	19.370	ng/ul	94
42) 2-Nitroaniline	13.85	65	54466	15.467	ng/ul#	76
44) Dimethylphthalate	14.21	163	285657	19.017	ng/ul	97
45) 2,6-Dinitrotoluene	14.34	165	56034	21.327	ng/ul#	82
47) Acenaphthylene	14.49	152	340232	17.808	ng/ul	97
48) 3-Nitroaniline	14.67	138	59351	20.849	ng/ul#	77
49) Acenaphthene	14.83	153	229678	17.572	ng/ul	98
50) 2,4-Dinitrophenol	14.88	184	27212	19.352	ng/ul#	79
52) 4-Nitrophenol	14.99	109	34660	16.156	ng/ul#	78
53) Dibenzofuran	15.16	168	342384	19.160	ng/ul	91
54) 2,4-Dinitrotoluene	15.12	165	82979	21.602	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.39	232	77945	22.701	ng/ul#	87
56) Diethylphthalate	15.57	149	289134	18.680	ng/ul	97
58) Fluorene	15.82	166	272754	19.133	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.80	204	152370	22.718	ng/ul#	86
60) 4-Nitroaniline	15.83	138	66120	18.894	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.89	198	51403	22.858	ng/ul#	79
64) N-Nitrosodiphenylamine	16.02	169	245257	18.858	ng/ul	98
65) 4-Bromophenyl-phenylether	16.69	248	101964	23.180	ng/ul#	90
66) Hexachlorobenzene	16.82	284	109692	24.372	ng/ul#	90
67) Atrazine	16.96	200	106602	21.585	ng/ul	94
68) Pentachlorophenol	17.16	266	57680	21.511	ng/ul	96
69) Phenanthrene	17.56	178	454148	19.267	ng/ul	98
71) Anthracene	17.64	178	472167	19.415	ng/ul	99
72) Carbazole	17.91	167	432180	19.770	ng/ul	97
73) Di-n-butylphthalate	18.45	149	527311	20.076	ng/ul#	99
74) Fluoranthene	19.55	202	588464	22.338	ng/ul	99
77) Pyrene	19.92	202	609222	16.685	ng/ul	99
78) Butylbenzylphthalate	20.78	149	261062m	17.634	ng/ul	
79) 3,3'-Dichlorobenzidine	21.67	252	240464	24.120	ng/ul#	97
80) Benzo(a)anthracene	21.77	228	680483	19.931	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.66	149	386159	17.999	ng/ul#	99
82) Chrysene	21.83	228	625963	20.178	ng/ul	99
84) Di-n-octyl phthalate	22.89	149	659397	16.849	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	708566	20.178	ng/ul	95
86) Benzo(k)fluoranthene	24.12	252	681859	20.083	ng/ul	97
88) Benzo(a)pyrene	24.95	252	681251	19.930	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.91	276	834089	21.568	ng/ul	99
90) Dibenzo(a,h)anthracene	28.96	278	693820	21.597	ng/ul	99
91) Benzo(g,h,i)perylene	30.10	276	689873	21.521	ng/ul	96

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

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