Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028538.D
Acq On : 29 Aug 2017 5:45
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02091

Manual Integrations APPROVED
Sohil
8/29/2017 6:02:32 PM

Quant Time: Aug 29 08:29:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43181	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	121526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	274805	20.00	ng/ul	0.01
75) Chrysene-d12	22.04	240	316555	20.00	ng/ul	0.01
83) Perylene-d12	25.56	264	313237	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	6142	6.62	ng/uL	0.01
5) Phenol-d5	7.50	99	81328	17.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	49915	16.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	58818	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	65529	16.53	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	30388	21.03	ng/ul	0.01
22) 2-Nitrophenol-d4	10.24	143	36838	23.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.78	165	69216	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	78467	21.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	202926	18.77	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	246226	20.20	ng/ul	0.01
51) 4-Nitrophenol-d4	15.16	143	27332	15.90	ng/ul	0.02
57) Fluorene-d10	15.95	176	184952	19.07	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.08	200	20478	11.47	ng/ul	0.02
70) Anthracene-d10	17.80	188	272372	20.67	ng/ul	0.00
76) Pyrene-d10	20.08	212	296952	18.29	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.31	264	294039	20.05	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	6933	7.119	ng/uL	87
4) Benzaldehyde	7.49	77	53273	19.438	ng/ul	97
6) Phenol	7.53	94	79059	16.774	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.75	93	54586	17.002	ng/ul	92
10) 2-Chlorophenol	7.92	128	56423	19.353	ng/ul	91
11) 2-Methylphenol	8.78	108	57494	17.282	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.86	45	112971	14.495	ng/ul#	97
14) Acetophenone	9.17	105	96843	17.132	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.14	70	51060	15.893	ng/ul#	88
16) 4-Methylphenol	9.11	108	63511	16.907	ng/ul	90
17) Hexachloroethane	9.43	117	24993	20.688	ng/ul	96
20) Nitrobenzene	9.55	77	81268	19.426	ng/ul	97
21) Isophorone	10.07	82	146954	18.490	ng/ul	95
23) 2-Nitrophenol	10.27	139	33843	21.157	ng/ul	91
24) 2,4-Dimethylphenol	10.32	107	80733	20.305	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.54	93	79194	18.293	ng/ul	99
27) 2,4-Dichlorophenol	10.81	162	61132	20.484	ng/ul	96
28) Naphthalene	11.22	128	188280	20.570	ng/ul	98
30) 4-Chloroaniline	11.32	127	72785	20.576	ng/ul	89
31) Hexachlorobutadiene	11.48	225	52055	23.631	ng/ul	88
32) Caprolactam	12.08	113	19865	16.007	ng/ul	98
33) 4-Chloro-3-methylphenol	12.43	107	73159	19.205	ng/ul	95
34) 2-Methylnaphthalene	12.80	142	145196	19.749	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	91142	23.268 ng/ul	96
37) Hexachlorocyclopentadiene	13.13	237	37543	17.370 ng/ul	90
38) 2,4,6-Trichlorophenol	13.40	196	57584	23.586 ng/ul	88
39) 2,4,5-Trichlorophenol	13.48	196	59769	22.460 ng/ul	94
40) 1,1'-Biphenyl	13.78	154	188571	21.246 ng/ul	95
41) 2-Chloronaphthalene	13.84	162	146640	20.906 ng/ul	93
42) 2-Nitroaniline	14.04	65	54302	18.465 ng/ul	98
44) Dimethylphthalate	14.39	163	184646	18.553 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	39740	19.340 ng/ul	92
47) Acenaphthylene	14.68	152	230399	19.783 ng/ul	99
48) 3-Nitroaniline	14.86	138	36879	19.932 ng/ul#	97
49) Acenaphthene	15.02	153	155154	19.745 ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	11624	10.040 ng/ul#	80
52) 4-Nitrophenol	15.17	109	25814	14.497 ng/ul#	80
53) Dibenzofuran	15.35	168	225345	19.669 ng/ul	95
54) 2,4-Dinitrotoluene	15.32	165	58016	18.630 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.58	232	51043	20.595 ng/ul	93
56) Diethylphthalate	15.74	149	200441	17.168 ng/ul	98
58) Fluorene	16.00	166	187321	18.468 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.98	204	103789	19.072 ng/ul#	82
60) 4-Nitroaniline	16.02	138	41223	18.779 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.09	198	21089	11.651 ng/ul#	99
64) N-Nitrosodiphenylamine	16.19	169	155594	21.522 ng/ul	96
65) 4-Bromophenyl-phenylether	16.88	248	66684	22.577 ng/ul	91
66) Hexachlorobenzene	17.02	284	72858	23.172 ng/ul	92
67) Atrazine	17.13	200	67357	21.370 ng/ul	96
68) Pentachlorophenol	17.36	266	26956	16.926 ng/ul	95
69) Phenanthrene	17.75	178	275622	19.930 ng/ul	99
71) Anthracene	17.84	178	284960	20.161 ng/ul	99
72) Carbazole	18.11	167	241166	19.619 ng/ul	98
73) Di-n-butylphthalate	18.63	149	306647	20.039 ng/ul	97
74) Fluoranthene	19.75	202	332693	19.795 ng/ul	99
77) Pyrene	20.11	202	347085	18.378 ng/ul	97
78) Butylbenzylphthalate	20.97	149	137823	19.479 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.92	252	125479	20.546 ng/ul	91
80) Benzo(a)anthracene	22.02	228	364786	19.944 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.87	149	194681	19.348 ng/ul	97
82) Chrysene	22.09	228	327252	19.867 ng/ul	98
84) Di-n-octyl phthalate	23.17	149	339778	18.101 ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	362669	19.348 ng/ul	99
86) Benzo(k)fluoranthene	24.50	252	372857	20.364 ng/ul	99
88) Benzo(a)pyrene	25.39	252	353769	19.493 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.61	276	364700	17.160 ng/ul	97
90) Dibenzo(a,h)anthracene	29.67	278	299030	16.787 ng/ul	98
91) Benzo(g,h,i)perylene	30.89	276	245068m	14.016 ng/ul	

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

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