Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
Data File : BG028606.D
Acq On : 8 Sep 2017 16:53
Operator : SJ/JU
Sample : SSTD16058
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16058

Quant Time: Sep 08 17:25:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 15:50:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38447	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	159581	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	108563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	2122952	20.00	ng/ul	0.12
75) Chrysene-d12	22.04	240	330078	20.00	ng/ul	0.02
83) Perylene-d12	25.55	264	305943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	55662	79.80	ng/uL	0.00
5) Phenol-d5	7.50	99	635733	201.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	368503	202.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	454711	183.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	512482	195.95	ng/ul	0.02
19) Nitrobenzene-d5	9.52	128	228702	194.77	ng/ul	0.02
22) 2-Nitrophenol-d4	10.24	143	279386	197.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	538705	194.89	ng/ul	0.02
29) 4-Chloroaniline-d4	11.30	131	454230	181.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	1575626	167.41	ng/ul	0.02
46) Acenaphthylene-d8	14.65	160	1830924	171.15	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	259819	190.64	ng/ul	0.03
57) Fluorene-d10	15.94	176	1423472	160.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.09	200	337128	22.86	ng/ul	0.03
70) Anthracene-d10	17.81	188	2122952	20.74	ng/ul	0.02
76) Pyrene-d10	20.08	212	2392713	161.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	2501790	175.08	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	58963	69.696	ng/uL#	83
4) Benzaldehyde	7.48	77	342674	174.886	ng/ul	88
6) Phenol	7.53	94	625820	204.115	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	431518	195.273	ng/ul	97
10) 2-Chlorophenol	7.91	128	436202	189.028	ng/ul	92
11) 2-Methylphenol	8.78	108	455418	202.281	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.86	45	774744	185.909	ng/ul	99
14) Acetophenone	9.17	105	735003	199.348	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.17	70	400793	212.012	ng/ul#	86
16) 4-Methylphenol	9.12	108	493203	199.900	ng/ul	100
17) Hexachloroethane	9.42	117	179641	193.305	ng/ul	95
20) Nitrobenzene	9.56	77	591297	217.824	ng/ul	93
21) Isophorone	10.09	82	1112814	225.068	ng/ul	98
23) 2-Nitrophenol	10.27	139	260395	191.519	ng/ul#	82
24) 2,4-Dimethylphenol	10.32	107	593257	208.526	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.55	93	615033	207.348	ng/ul	92
27) 2,4-Dichlorophenol	10.81	162	481761	180.025	ng/ul	95
28) Naphthalene	11.21	128	1361193	179.996	ng/ul	98
30) 4-Chloroaniline	11.32	127	421713	182.367	ng/ul	95
31) Hexachlorobutadiene	11.48	225	373617	174.556	ng/ul	91
32) Caprolactam	12.14	113	99740	125.259	ng/ul	96
33) 4-Chloro-3-methylphenol	12.44	107	556176	217.995	ng/ul	98
34) 2-Methylnaphthalene	12.80	142	1048866	171.526	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	700806	171.631 ng/ul#	95
37) Hexachlorocyclopentadiene	13.13	237	368298	152.442 ng/ul	97
38) 2,4,6-Trichlorophenol	13.40	196	464124	188.419 ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	476436	179.993 ng/ul	95
40) 1,1'-Biphenyl	13.79	154	1385318	166.981 ng/ul	95
41) 2-Chloronaphthalene	13.84	162	1088145	165.913 ng/ul	94
42) 2-Nitroaniline	14.05	65	423952	226.187 ng/ul	93
44) Dimethylphthalate	14.40	163	1412637	164.832 ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	339599	195.893 ng/ul#	90
47) Acenaphthylene	14.68	152	1709865	162.699 ng/ul	96
48) 3-Nitroaniline	14.87	138	229945	152.600 ng/ul#	99
49) Acenaphthene	15.02	153	1193370	167.831 ng/ul	96
50) 2,4-Dinitrophenol	15.08	184	216838	217.155 ng/ul#	82
52) 4-Nitrophenol	15.19	109	239996	218.551 ng/ul#	80
53) Dibenzofuran	15.35	168	1702526	161.938 ng/ul	98
54) 2,4-Dinitrotoluene	15.33	165	490312	194.029 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.58	232	459186	182.054 ng/ul	96
56) Diethylphthalate	15.76	149	1464360	163.858 ng/ul	94
58) Fluorene	16.00	166	1459961	161.527 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	841007	167.805 ng/ul#	84
60) 4-Nitroaniline	16.05	138	303536	169.744 ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.10	198	338495	24.010 ng/ul#	94
64) N-Nitrosodiphenylamine	16.20	169	1246960	21.792 ng/ul	97
65) 4-Bromophenyl-phenylether	16.88	248	595542	23.019 ng/ul	93
66) Hexachlorobenzene	17.01	284	620017	22.794 ng/ul#	94
67) Atrazine	17.15	200	534949	21.248 ng/ul	99
68) Pentachlorophenol	17.36	266	317675	21.498 ng/ul	94
69) Phenanthrene	17.85	178	2265916	20.825 ng/ul	96
71) Anthracene	17.85	178	2265916	20.317 ng/ul	95
72) Carbazole	18.11	167	1933375	21.025 ng/ul	96
73) Di-n-butylphthalate	18.63	149	2276877	22.582 ng/ul	97
74) Fluoranthene	19.75	202	2650805	19.902 ng/ul	97
77) Pyrene	20.12	202	2677444	153.101 ng/ul#	95
78) Butylbenzylphthalate	20.97	149	1148547	204.862 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.92	252	879440	163.878 ng/ul	94
80) Benzo(a)anthracene	22.02	228	2934472	164.346 ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.87	149	1595340	199.693 ng/ul	93
82) Chrysene	22.10	228	2670235	164.303 ng/ul	93
84) Di-n-octyl phthalate	23.17	149	2710977	191.057 ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	3124762	178.981 ng/ul#	97
86) Benzo(k)fluoranthene	24.52	252	2959874	172.841 ng/ul#	97
88) Benzo(a)pyrene	25.42	252	3023951	179.258 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.63	276	3742874	195.646 ng/ul	96
90) Dibenzo(a,h)anthracene	29.70	278	3152544	196.316 ng/ul	97
91) Benzo(g,h,i)perylene	30.92	276	3023226	191.549 ng/ul	95

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

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