Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023454.D
Acq On : 4 Aug 2016 16:28
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16006

Quant Time: Aug 04 17:02:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	120675	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	593317	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.79	164	426493	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	956117	20.00	ng/ul	-0.02
75) Chrysene-d12	21.87	240	927602	20.00	ng/ul	-0.03
83) Perylene-d12	25.25	264	923754	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	148651	55.71	ng/uL	-0.02
5) Phenol-d5	7.28	99	1849832	148.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	1163528	141.11	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.65	132	1310107	156.77	ng/ul	-0.02
13) 4-Methylphenol-d8	8.85	113	1514020	156.39	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	740035	155.93	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.03	143	867053	156.38	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	1538938	147.69	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	1540653	142.81	ng/ul	-0.02
43) Dimethylphthalate-d6	14.19	166	3845858	108.46	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	4305562	106.83	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.02	143	936431	149.65	ng/ul	0.00
57) Fluorene-d10	15.79	176	3547556	110.64	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.92	200	1010439	153.59	ng/ul	0.00
70) Anthracene-d10	17.66	188	4458051	99.60	ng/ul	-0.01
76) Pyrene-d10	19.94	212	4591227	95.90	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.03	264	5761061	132.84	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	161385	56.52	ng/uL#	80
4) Benzaldehyde	7.25	77	901393	116.67	ng/ul	87
6) Phenol	7.31	94	1886119	145.68	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.53	93	1359650	139.70	ng/ul#	86
10) 2-Chlorophenol	7.69	128	1278196	148.86	ng/ul#	81
11) 2-Methylphenol	8.57	108	1487871	155.56	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.66	45	1845414	140.14	ng/ul	98
14) Acetophenone	8.96	105	2210416	131.22	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.96	70	1425872	128.28	ng/ul#	83
16) 4-Methylphenol	8.92	108	1636975	153.75	ng/ul	97
17) Hexachloroethane	9.21	117	531610	130.81	ng/ul#	79
20) Nitrobenzene	9.35	77	1946897	127.06	ng/ul#	87
21) Isophorone	9.88	82	3405223	116.54	ng/ul#	97
23) 2-Nitrophenol	10.07	139	894429	151.29	ng/ul#	61
24) 2,4-Dimethylphenol	10.12	107	1843515	135.71	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.35	93	2060636	127.53	ng/ul	96
27) 2,4-Dichlorophenol	10.61	162	1506220	146.03	ng/ul	93
28) Naphthalene	11.01	128	3624470	121.49	ng/ul#	88
30) 4-Chloroaniline	11.12	127	1482710	132.98	ng/ul	96
31) Hexachlorobutadiene	11.28	225	994908	120.02	ng/ul	96
32) Caprolactam	11.95	113	417556	97.63	ng/ul#	38
33) 4-Chloro-3-methylphenol	12.26	107	1867056	137.85	ng/ul	87
34) 2-Methylnaphthalene	12.61	142	2977227	120.62	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	1897411	133.35	ng/ul	94
37) Hexachlorocyclopentadiene	12.95	237	1285478	138.86	ng/ul	95
38) 2,4,6-Trichlorophenol	13.22	196	1387336	140.83	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	1460857	145.33	ng/ul	98
40) 1,1'-Biphenyl	13.62	154	3487279	109.01	ng/ul#	77
41) 2-Chloronaphthalene	13.67	162	3066985	118.96	ng/ul#	78
42) 2-Nitroaniline	13.88	65	1542205	134.46	ng/ul#	68
44) Dimethylphthalate	14.24	163	3644034	101.45	ng/ul#	84
45) 2,6-Dinitrotoluene	14.38	165	1122286	143.97	ng/ul#	86
47) Acenaphthylene	14.52	152	4065590	99.61	ng/ul#	67
48) 3-Nitroaniline	14.71	138	968905	145.53	ng/ul#	67
49) Acenaphthene	14.85	153	3238041	117.36	ng/ul#	86
50) 2,4-Dinitrophenol	14.91	184	821467	168.03	ng/ul#	72
52) 4-Nitrophenol	15.25	109	1015	0.14	ng/ul	88
53) Dibenzofuran	15.19	168	4055099	99.66	ng/ul#	50
54) 2,4-Dinitrotoluene	15.17	165	1529953	128.87	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.42	232	1439444	141.76	ng/ul	97
56) Diethylphthalate	15.61	149	3658137	95.74	ng/ul#	70
58) Fluorene	15.85	166	3478601	103.66	ng/ul#	95
59) 4-Chlorophenyl-phenylether	15.83	204	2138056	116.28	ng/ul#	87
60) 4-Nitroaniline	15.89	138	1119974	136.85	ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.94	198	1045969	150.38	ng/ul#	83
64) N-Nitrosodiphenylamine	16.05	169	3304325	119.62	ng/ul#	86
65) 4-Bromophenyl-phenylether	16.73	248	1621257	147.38	ng/ul	99
66) Hexachlorobenzene	16.85	284	1737093	154.18	ng/ul#	93
67) Atrazine	17.00	200	1603947	136.14	ng/ul	96
68) Pentachlorophenol	17.20	266	1142713	163.50	ng/ul	94
69) Phenanthrene	17.60	178	4674574	94.92	ng/ul#	57
71) Anthracene	17.69	178	4480211	86.81	ng/ul#	51
72) Carbazole	17.96	167	4406074	108.51	ng/ul#	63
73) Di-n-butylphthalate	18.50	149	4309156	76.53	ng/ul#	59
74) Fluoranthene	19.61	202	4751321	91.85	ng/ul#	77
77) Pyrene	19.97	202	4574990	81.13	ng/ul#	71
78) Butylbenzylphthalate	20.84	149	2699896	110.23	ng/ul#	71
79) 3,3'-Dichlorobenzidine	21.76	252	2148405	116.10	ng/ul	90
80) Benzo(a)anthracene	21.84	228	5211622	94.64	ng/ul#	56
81) Bis(2-ethylhexyl)phthalate	21.72	149	3421599	102.26	ng/ul#	70
82) Chrysene	21.92	228	4727553	94.61	ng/ul#	50
84) Di-n-octyl phthalate	22.99	149	5197478	101.52	ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	6651969	118.37	ng/ul#	84
86) Benzo(k)fluoranthene	24.26	252	5627964	105.67	ng/ul#	78
88) Benzo(a)pyrene	25.12	252	6255683	116.82	ng/ul#	85
89) Indeno(1,2,3-cd)pyrene	29.15	276	8798041	145.86	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.23	278	6884069	138.60	ng/ul#	86
91) Benzo(g,h,i)perylene	30.38	276	4850524	97.32	ng/ul#	85

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

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