Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072016\
Data File : BG023188.D
Acq On : 20 Jul 2016 14:31
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04004

Quant Time: Jul 20 15:51:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 15:17:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	118309	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	579963	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	422237	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	1812073	20.00	ng/ul	0.10
75) Chrysene-d12	21.95	240	1335	20.00	ng/ul	0.05
83) Perylene-d12	25.31	264	1015045	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	41633	19.66	ng/uL	0.00
5) Phenol-d5	7.29	99	503992	40.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	335052	47.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	332042	39.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	392970	40.65	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	183038	39.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	219554	39.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	412936	35.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	503814	51.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1320088	38.48	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1542067	39.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	256562	47.64	ng/ul	0.00
57) Fluorene-d10	15.81	176	1221110	37.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.02	200	441	0.04	ng/ul	0.09
70) Anthracene-d10	17.67	188	1812073	21.51	ng/ul	0.00
76) Pyrene-d10	19.96	212	2017185	31629.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1883246	39.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	41708	16.81	ng/uL#	76
4) Benzaldehyde	7.27	77	331171	41.86	ng/ul	84
6) Phenol	7.32	94	517375	40.59	ng/ul#	57
8) Bis(2-Chloroethyl)ether	7.55	93	395256	45.35	ng/ul	89
10) 2-Chlorophenol	7.70	128	339482	40.15	ng/ul#	83
11) 2-Methylphenol	8.58	108	392838	41.03	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.67	45	533410	54.43	ng/ul	98
14) Acetophenone	8.97	105	689953	44.19	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.95	70	434029	46.26	ng/ul#	82
16) 4-Methylphenol	8.92	108	431330	40.51	ng/ul	94
17) Hexachloroethane	9.24	117	161584	44.88	ng/ul#	81
20) Nitrobenzene	9.36	77	587678	41.32	ng/ul#	81
21) Isophorone	9.89	82	1114823	43.95	ng/ul#	90
23) 2-Nitrophenol	10.08	139	235677	39.81	ng/ul#	46
24) 2,4-Dimethylphenol	10.13	107	529412	37.36	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.37	93	617847	41.28	ng/ul#	95
27) 2,4-Dichlorophenol	10.62	162	407122	34.72	ng/ul#	89
28) Naphthalene	11.03	128	1143476	38.56	ng/ul	98
30) 4-Chloroaniline	11.14	127	510294	50.58	ng/ul	96
31) Hexachlorobutadiene	11.30	225	318196	35.23	ng/ul	95
32) Caprolactam	11.91	113	89584	22.90	ng/ul#	28
33) 4-Chloro-3-methylphenol	12.26	107	524052	35.34	ng/ul	86
34) 2-Methylnaphthalene	12.64	142	929707	37.89	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	563422	35.70	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	386103	40.51	ng/ul	99
38) 2,4,6-Trichlorophenol	13.24	196	388659	35.70	ng/ul	96
39) 2,4,5-Trichlorophenol	13.32	196	399206	34.85	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	1234063	38.44	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	999279	38.43	ng/ul	96
42) 2-Nitroaniline	13.90	65	447405	44.49	ng/ul#	62
44) Dimethylphthalate	14.25	163	1341261	38.29	ng/ul	99
45) 2,6-Dinitrotoluene	14.38	165	305937	40.35	ng/ul#	78
47) Acenaphthylene	14.54	152	1565132	39.54	ng/ul	98
48) 3-Nitroaniline	14.72	138	284389	48.00	ng/ul#	46
49) Acenaphthene	14.88	153	1064056	39.57	ng/ul	94
50) 2,4-Dinitrophenol	14.92	184	200779	47.65	ng/ul#	62
52) 4-Nitrophenol	15.04	109	302239	44.13	ng/ul#	66
53) Dibenzofuran	15.21	168	1559604	37.54	ng/ul#	83
54) 2,4-Dinitrotoluene	15.18	165	450942	41.12	ng/ul#	60
55) 2,3,4,6-Tetrachlorophenol	15.44	232	396662	34.01	ng/ul	95
56) Diethylphthalate	15.62	149	1408024	39.56	ng/ul	93
58) Fluorene	15.86	166	1261463	37.79	ng/ul#	97
59) 4-Chlorophenyl-phenylether	15.85	204	703509	35.19	ng/ul	93
64) N-Nitrosodiphenylamine	16.07	169	1172188	21.97	ng/ul	98
65) 4-Bromophenyl-phenylether	16.75	248	464229	19.15	ng/ul	95
66) Hexachlorobenzene	16.87	284	470326	18.33	ng/ul	90
67) Atrazine	17.02	200	519395	23.34	ng/ul	99
68) Pentachlorophenol	17.22	266	304060	20.61	ng/ul	94
69) Phenanthrene	17.71	178	2055497	22.18	ng/ul	93
71) Anthracene	17.71	178	2055497	21.58	ng/ul#	93
72) Carbazole	17.98	167	1804363	25.60	ng/ul#	93
73) Di-n-butylphthalate	18.53	149	2210150	24.43	ng/ul#	89
74) Fluoranthene	19.63	202	2290219	23.72	ng/ul	95
77) Pyrene	19.99	202	2290317	30647.16	ng/ul	95
78) Butylbenzylphthalate	20.87	149	1090774	37635.28	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.79	252	871136	34456.93	ng/ul#	95
80) Benzo(a)anthracene	21.95	228	2100822	26829.24	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.76	149	1477610	39507.49	ng/ul#	96
82) Chrysene	21.95	228	2100822	29473.47	ng/ul#	91
84) Di-n-octyl phthalate	23.04	149	2444140	54.64	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	2422352	38.19	ng/ul#	91
86) Benzo(k)fluoranthene	24.29	252	2246229	37.70	ng/ul#	88
88) Benzo(a)pyrene	25.15	252	2298298	38.14	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.22	276	2602346	40.84	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.28	278	2158566	40.98	ng/ul#	89
91) Benzo(g,h,i)perylene	30.43	276	1253583	25.10	ng/ul#	83

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

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