Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072016\
Data File : BG023190.D
Acq On : 20 Jul 2016 15:51
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16006

Quant Time: Jul 20 16:28:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 15:44:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	114705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	540119	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	398384	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	890248	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	914901	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	892068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	142487	140.44	ng/uL	0.00
5) Phenol-d5	7.30	99	1804143	150.83	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	91275	11.41	ng/ul	-0.12
9) 2-Chlorophenol-d4	7.67	132	1221152	153.73	ng/ul	0.01
13) 4-Methylphenol-d8	8.87	113	1398367	150.08	ng/ul	0.02
19) Nitrobenzene-d5	9.33	128	662555	153.35	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	789387	156.39	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.60	165	1401709	147.77	ng/ul	0.01
29) 4-Chloroaniline-d4	11.12	131	741546	66.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	3559074	107.46	ng/ul	0.02
46) Acenaphthylene-d8	14.52	160	4123981	109.54	ng/ul	0.01
51) 4-Nitrophenol-d4	15.05	143	834533	139.03	ng/ul	0.03
57) Fluorene-d10	15.82	176	3309550	110.50	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.95	200	932675	150.45	ng/ul	0.02
70) Anthracene-d10	17.68	188	4275378	102.59	ng/ul	0.01
76) Pyrene-d10	20.03	212	4885	0.10	ng/ul	0.08
87) Benzo(a)pyrene-d12	25.09	264	5529710	132.03	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	151982	139.98	ng/uL#	68
4) Benzaldehyde	7.27	77	851260	108.44	ng/ul	82
6) Phenol	7.33	94	1848135	147.90	ng/ul#	49
8) Bis(2-Chloroethyl)ether	7.56	93	1343538	141.96	ng/ul#	86
10) 2-Chlorophenol	7.71	128	1241302	152.09	ng/ul#	77
11) 2-Methylphenol	8.60	108	1369825	148.51	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.68	45	1809978	141.21	ng/ul	96
14) Acetophenone	8.98	105	2255015	136.74	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.99	70	1503063	142.27	ng/ul#	83
16) 4-Methylphenol	8.94	108	1537049	149.97	ng/ul	99
17) Hexachloroethane	9.24	117	572532	148.22	ng/ul#	78
20) Nitrobenzene	9.37	77	1973862	141.51	ng/ul#	83
21) Isophorone	9.91	82	3388579	127.39	ng/ul#	94
23) 2-Nitrophenol	10.09	139	827835	153.82	ng/ul#	46
24) 2,4-Dimethylphenol	10.15	107	1816057	146.86	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.38	93	1994150	135.57	ng/ul	95
27) 2,4-Dichlorophenol	10.63	162	1395520	148.62	ng/ul#	92
28) Naphthalene	11.03	128	3402974	125.30	ng/ul#	90
30) 4-Chloroaniline	11.15	127	779285	67.94	ng/ul	99
31) Hexachlorobutadiene	11.31	225	1089778	144.41	ng/ul	96
32) Caprolactam	11.96	113	286481	71.84	ng/ul#	30
33) 4-Chloro-3-methylphenol	12.29	107	1733423	140.59	ng/ul	85
34) 2-Methylnaphthalene	12.64	142	2819863	125.49	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	1814163	136.50	ng/ul	94
37) Hexachlorocyclopentadiene	12.98	237	1384992	160.21	ng/ul	93
38) 2,4,6-Trichlorophenol	13.25	196	1309519	142.31	ng/ul	97
39) 2,4,5-Trichlorophenol	13.34	196	1344848	143.23	ng/ul	97
40) 1,1'-Biphenyl	13.65	154	3325781	111.30	ng/ul#	80
41) 2-Chloronaphthalene	13.70	162	2936394	121.93	ng/ul#	80
42) 2-Nitroaniline	13.91	65	1470419	137.25	ng/ul#	63
44) Dimethylphthalate	14.27	163	3498468	104.26	ng/ul#	86
45) 2,6-Dinitrotoluene	14.40	165	1019902	140.07	ng/ul#	75
47) Acenaphthylene	14.55	152	3844607	100.84	ng/ul#	71
48) 3-Nitroaniline	14.74	138	686471	102.44	ng/ul#	55
49) Acenaphthene	14.88	153	3017944	117.10	ng/ul#	88
50) 2,4-Dinitrophenol	14.94	184	729657	159.73	ng/ul#	65
52) 4-Nitrophenol	15.06	109	982878	137.19	ng/ul#	63
53) Dibenzofuran	15.22	168	3825156	100.64	ng/ul#	48
54) 2,4-Dinitrotoluene	15.19	165	1396071	125.89	ng/ul#	57
55) 2,3,4,6-Tetrachlorophenol	15.45	232	1325868	139.79	ng/ul	94
56) Diethylphthalate	15.63	149	3505657	98.22	ng/ul#	71
58) Fluorene	15.87	166	3281409	104.69	ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.86	204	2062308	120.07	ng/ul#	85
60) 4-Nitroaniline	15.92	138	1044661	131.85	ng/ul#	44
63) 4,6-Dinitro-2-methylphenol	15.97	198	958178	145.21	ng/ul#	83
64) N-Nitrosodiphenylamine	16.08	169	3083865	119.90	ng/ul#	88
65) 4-Bromophenyl-phenylether	16.76	248	1455501	142.10	ng/ul	94
66) Hexachlorobenzene	16.88	284	1502996	143.28	ng/ul#	88
67) Atrazine	17.03	200	1356647	117.03	ng/ul	97
68) Pentachlorophenol	17.23	266	1046501	161.01	ng/ul	93
69) Phenanthrene	17.63	178	4475875	97.61	ng/ul#	65
71) Anthracene	17.72	178	4241154	88.26	ng/ul#	55
73) Di-n-butylphthalate	18.52	149	4207458	80.26	ng/ul#	62
74) Fluoranthene	19.64	202	4600114	86.77	ng/ul#	80
77) Pyrene	20.01	202	4444686	79.91	ng/ul#	78
78) Butylbenzylphthalate	20.87	149	2764410	114.44	ng/ul#	71
79) 3,3'-Dichlorobenzidine	21.80	252	2191164	113.00	ng/ul#	92
80) Benzo(a)anthracene	21.89	228	5296440	97.52	ng/ul#	54
82) Chrysene	21.96	228	4753066	96.44	ng/ul#	54
84) Di-n-octyl phthalate	23.04	149	5335507	99.80	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	6623959	122.06	ng/ul#	83
86) Benzo(k)fluoranthene	24.32	252	5628279	109.43	ng/ul#	78
88) Benzo(a)pyrene	25.18	252	6154916	119.02	ng/ul#	85
89) Indeno(1,2,3-cd)pyrene	29.26	276	4198405	72.07	ng/ul#	83
90) Dibenzo(a,h)anthracene	29.35	278	6412427	133.69	ng/ul#	86
91) Benzo(g,h,i)perylene	30.51	276	6746648	140.18	ng/ul#	83

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

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