Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
Data File : BG027853.D
Acq On : 5 Jul 2017 18:31
Operator : SJ/JU
Sample : I4035-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CIY-SB-WC-S-2-10-50MS

Quant Time: Jul 06 07:20:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	24858	20.00	ng		-0.03
21) Naphthalene-d8	11.27	136	120423	20.00	ng		-0.02
38) Acenaphthene-d10	15.04	164	53874	20.00	ng		-0.02
63) Phenanthrene-d10	17.79	188	209452	20.00	ng		-0.02
75) Chrysene-d12	22.14	240	183974	20.00	ng		-0.03
86) Perylene-d12	25.72	264	888	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	199315	123.47	ng		-0.02
7) Phenol-d6	7.60	99	209643	85.01	ng		-0.02
23) Nitrobenzene-d5	9.62	82	185375	85.81	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	212964	288.20	ng		-0.02
44) 2-Fluorobiphenyl	13.67	172	514738	136.45	ng		-0.02
78) Terphenyl-d14	20.37	244	1011597	128.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.02	88	17722	29.487	ng	#	85
4) n-Nitrosodimethylamine	4.31	42	38072	41.952	ng		99
8) 2-Chlorophenol	8.02	128	80957	44.880	ng		87
9) Benzaldehyde	7.59	77	28655	19.527	ng		86
10) Phenol	7.63	94	76360	31.297	ng		90
11) bis(2-Chloroethyl)ether	7.86	93	64968	35.056	ng		93
12) 1,3-Dichlorobenzene	8.34	146	71772	37.406	ng	#	92
13) 1,4-Dichlorobenzene	8.48	146	74118	37.281	ng		92
14) 1,2-Dichlorobenzene	8.81	146	75235	39.029	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.96	45	136336	34.490	ng		98
17) 2-Methylphenol	8.88	107	54795	31.744	ng	#	88
18) Hexachloroethane	9.54	117	24810	35.477	ng		87
19) n-Nitroso-di-n-propylamine	9.24	70	80334	44.776	ng	#	97
20) 3+4-Methylphenols	9.21	107	71419	28.691	ng		88
22) Acetophenone	9.27	105	124343	42.790	ng	#	89
24) Nitrobenzene	9.66	77	91422	40.476	ng	#	83
25) Isophorone	10.18	82	216327	45.938	ng	#	94
26) 2-Nitrophenol	10.37	139	45098	44.204	ng	#	80
27) 2,4-Dimethylphenol	10.41	122	72410	37.894	ng		95
28) bis(2-Chloroethoxy)methane	10.65	93	17315	6.486	ng	#	90
29) 2,4-Dichlorophenol	10.91	162	86849	51.862	ng		97
30) 1,2,4-Trichlorobenzene	11.13	180	75186	44.022	ng		93
31) Naphthalene	11.32	128	262924	41.056	ng		99
32) Benzoic acid	10.53	122	45779m	40.821	ng		
34) Hexachlorobutadiene	11.59	225	44813	47.091	ng		99
35) Caprolactam	12.30	113	25690	30.500	ng		90
36) 4-Chloro-3-methylphenol	12.51	107	92999	39.466	ng		89
37) 2-Methylnaphthalene	12.89	142	208488	43.709	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	100849	71.236	ng		98
40) Hexachlorocyclopentadiene	13.23	237	122495	183.519	ng		99
42) 2,4,6-Trichlorophenol	13.48	196	78938	77.202	ng		93
43) 2,4,5-Trichlorophenol	13.56	196	87847	75.824	ng		96
45) 1,1'-Biphenyl	13.88	154	285611	66.142	ng		96
46) 2-Chloronaphthalene	13.93	162	217273	66.606	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	14.13	65	33882	25.949	ng	#	81
48) Acenaphthylene	14.76	152	103442	17.354	ng		95
49) Dimethylphthalate	14.48	163	340199	74.023	ng		98
50) 2,6-Dinitrotoluene	14.61	165	75181	75.252	ng	#	80
51) Acenaphthene	15.11	154	164691	43.109	ng		96
53) 2,4-Dinitrophenol	15.15	184	98214	168.503	ng		95
54) Dibenzofuran	15.43	168	377696	74.768	ng		98
55) 4-Nitrophenol	15.25	139	90914	101.331	ng	#	66
56) 2,4-Dinitrotoluene	15.39	165	110834	79.538	ng	#	89
57) Fluorene	16.09	166	324039	66.159	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	87280	87.392	ng		92
59) Diethylphthalate	15.83	149	377258	74.133	ng		95
60) 4-Chlorophenyl-phenylether	16.06	204	162636	75.009	ng		95
61) 4-Nitroaniline	16.09	138	5342m	4.363	ng		
62) Azobenzene	16.36	77	125018	27.957	ng		95
64) 4,6-Dinitro-2-methylphenol	16.15	198	64157	48.958	ng		86
66) 4-Bromophenyl-phenylether	16.96	248	117482	53.629	ng		95
67) Hexachlorobenzene	17.09	284	126471	54.513	ng		94
69) Pentachlorophenol	17.44	266	144865	96.429	ng		96
70) Phenanthrene	17.83	178	556439	46.018	ng		95
71) Anthracene	17.93	178	478155	39.160	ng		99
73) Di-n-butylphthalate	18.71	149	650367	49.216	ng	#	94
74) Fluoranthene	19.82	202	557610	42.195	ng		95
77) Pyrene	20.19	202	157575	13.648	ng		95
79) Butylbenzylphthalate	21.06	149	90342	17.374	ng	#	85
80) Benzo(a)anthracene	22.12	228	443516	39.874	ng		94
82) Chrysene	22.20	228	494711	47.451	ng		96
83) Bis(2-ethylhexyl)phthalate	21.97	149	401218	52.799	ng		98
84) Di-n-octyl phthalate	23.31	149	676415	53.879	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.91	276	124147	10.419	ng	#	77
87) Benzo(b)fluoranthene	24.58	252	413465	7227.150	ng	#	95
88) Benzo(k)fluoranthene	24.65	252	170560	3016.058	ng	#	97
89) Benzo(a)pyrene	25.56	252	80787	1504.905	ng	#	94
90) Dibenzo(a,h)anthracene	29.91	278	310366	5706.946	ng	#	97
91) Benzo(g,h,i)perylene	31.14	276	72309	1383.507	ng	#	92

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

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