Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045378.D
Acq On : 14 May 2020 15:10
Operator : CG/JU
Sample : PB128809BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128809BSD

Quant Time: May 14 15:54:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	62078	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	251017	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	181478	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	443154	20.00	ng		0.00
76) Chrysene-d12	21.63	240	421300	20.00	ng		0.00
87) Perylene-d12	24.79	264	459505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	410257	109.11	ng		0.00
7) Phenol-d6	7.14	99	580925	103.98	ng		0.00
23) Nitrobenzene-d5	9.13	82	369992	67.26	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	286689	102.26	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	866196	69.99	ng		0.00
79) Terphenyl-d14	19.98	244	1554662	80.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	52665	31.516	ng		97
3) Pyridine	3.82	79	120868	23.492	ng		96
4) n-Nitrosodimethylamine	3.73	42	53293	33.812	ng		98
6) Aniline	7.29	93	133047	18.317	ng		98
8) 2-Chlorophenol	7.53	128	153879	38.078	ng		99
9) Benzaldehyde	7.10	77	112211	34.041	ng		94
10) Phenol	7.17	94	206257	36.894	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	139746	31.397	ng		99
12) 1,3-Dichlorobenzene	7.86	146	159565	33.508	ng		97
13) 1,4-Dichlorobenzene	8.00	146	163397	34.436	ng		99
14) 1,2-Dichlorobenzene	8.33	146	152657	33.629	ng		97
15) Benzyl Alcohol	8.20	79	155300	33.156	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	134864	30.867	ng		95
17) 2-Methylphenol	8.42	107	138807	32.181	ng		97
18) Hexachloroethane	9.06	117	62008	34.762	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	125758	31.830	ng		98
20) 3+4-Methylphenols	8.75	107	192986	31.965	ng		97
22) Acetophenone	8.79	105	234700	34.575	ng		98
24) Nitrobenzene	9.17	77	190281	33.744	ng	#	95
25) Isophorone	9.70	82	361734	32.109	ng		97
26) 2-Nitrophenol	9.88	139	87468	36.010	ng		96
27) 2,4-Dimethylphenol	9.95	122	146428	37.993	ng		97
28) bis(2-Chloroethoxy)methane	10.18	93	202556	34.220	ng		96
29) 2,4-Dichlorophenol	10.43	162	161333	36.252	ng		96
30) 1,2,4-Trichlorobenzene	10.64	180	172563	34.248	ng		95
31) Naphthalene	10.83	128	467944	34.077	ng		100
32) Benzoic acid	10.10	122	81982	29.208	ng		94
33) 4-Chloroaniline	10.94	127	53208	8.308	ng		97
34) Hexachlorobutadiene	11.12	225	117359	33.972	ng		94
35) Caprolactam	11.69	113	58575m	33.071	ng		
36) 4-Chloro-3-methylphenol	12.07	107	183440	35.088	ng		99
37) 2-Methylnaphthalene	12.44	142	354090	33.222	ng		98
38) 1-Methylnaphthalene	12.66	142	338836	33.675	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	199679	34.173	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	277037	75.858 ng	97
43) 2,4,6-Trichlorophenol	13.05	196	142128	34.465 ng	90
44) 2,4,5-Trichlorophenol	13.13	196	155293	33.083 ng	98
46) 1,1'-Biphenyl	13.44	154	468330	33.953 ng	97
47) 2-Chloronaphthalene	13.49	162	351242	33.326 ng	100
48) 2-Nitroaniline	13.69	65	115573	33.328 ng	99
49) Acenaphthylene	14.34	152	602308	35.084 ng	99
50) Dimethylphthalate	14.07	163	498666	33.747 ng	99
51) 2,6-Dinitrotoluene	14.18	165	114690	34.701 ng	94
52) Acenaphthene	14.68	154	440872m	37.955 ng	
53) 3-Nitroaniline	14.51	138	45017	12.419 ng	99
54) 2,4-Dinitrophenol	14.72	184	141315	71.904 ng	93
55) Dibenzofuran	15.02	168	573003	33.836 ng	99
56) 4-Nitrophenol	14.84	139	187174	66.594 ng	96
57) 2,4-Dinitrotoluene	14.98	165	162747	33.694 ng	99
58) Fluorene	15.66	166	478821	34.616 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	148731	35.610 ng	98
60) Diethylphthalate	15.44	149	520597	33.791 ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	266787	33.508 ng	97
62) 4-Nitroaniline	15.68	138	110786	29.466 ng	91
63) Azobenzene	15.95	77	488271	34.376 ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	106678	36.623 ng	98
66) n-Nitrosodiphenylamine	15.87	169	429197	33.708 ng	100
67) 4-Bromophenyl-phenylether	16.55	248	182640	31.947 ng	98
68) Hexachlorobenzene	16.67	284	198908	33.547 ng	99
69) Atrazine	16.82	200	171497	35.969 ng	98
70) Pentachlorophenol	17.02	266	230723	63.431 ng	99
71) Phenanthrene	17.40	178	789285	34.660 ng	98
72) Anthracene	17.50	178	811948	35.544 ng	99
73) Carbazole	17.77	167	760773	32.818 ng	98
74) Di-n-butylphthalate	18.33	149	934023	35.769 ng	99
75) Fluoranthene	19.42	202	1014195	36.761 ng	97
77) Benzidine	19.59	184	331777	24.473 ng	96
78) Pyrene	19.78	202	1004123	34.572 ng	99
80) Butylbenzylphthalate	20.67	149	406463	33.761 ng	96
81) Benzo(a)anthracene	21.61	228	935252	34.251 ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	159332	14.660 ng	99
83) Chrysene	21.67	228	895339	34.126 ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	563372	34.024 ng	98
85) Di-n-octyl phthalate	22.71	149	934401	32.633 ng	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1137458	32.654 ng	100
88) Benzo(b)fluoranthene	23.79	252	992239	34.473 ng	98
89) Benzo(k)fluoranthene	23.86	252	942456	34.430 ng	97
90) Benzo(a)pyrene	24.64	252	899713	33.107 ng	99
91) Dibenzo(a,h)anthracene	28.45	278	933756	34.099 ng	98
92) Benzo(g,h,i)perylene	29.50	276	951273	34.650 ng	98

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

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