Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039328.D
Acq On : 30 Jan 2019 15:13
Operator : JU/SJ
Sample : PB116707BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116707BSD

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:38 AM

Quant Time: Jan 30 17:32:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40969	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	180561	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	121155	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	298590	20.00	ng	0.00
76) Chrysene-d12	21.85	240	308503	20.00	ng	0.00
87) Perylene-d12	25.24	264	308743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	348766	145.70	ng	0.00
7) Phenol-d6	7.32	99	500917	142.16	ng	0.00
23) Nitrobenzene-d5	9.36	82	258434	89.41	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	179931	137.92	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	661547	78.33	ng	0.00
79) Terphenyl-d14	20.15	244	1151634	79.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	51394	49.083	ng	99
3) Pyridine	4.01	79	107872	38.911	ng	96
4) n-Nitrosodimethylamine	3.93	42	60914	43.936	ng	94
6) Aniline	7.51	93	136584	30.947	ng	99
8) 2-Chlorophenol	7.74	128	120611	46.095	ng	97
9) Benzaldehyde	7.32	77	29750	13.391	ng	92
10) Phenol	7.35	94	170799	46.501	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	116827	40.253	ng	98
12) 1,3-Dichlorobenzene	8.07	146	124539	39.290	ng	96
13) 1,4-Dichlorobenzene	8.22	146	128239	40.590	ng	98
14) 1,2-Dichlorobenzene	8.54	146	121727	39.799	ng	99
15) Benzyl Alcohol	8.42	79	119737	43.285	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	248652	37.938	ng	98
17) 2-Methylphenol	8.61	107	109506	46.071	ng	97
18) Hexachloroethane	9.27	117	43954	40.438	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	97477	38.978	ng	99
20) 3+4-Methylphenols	8.93	107	150682	46.036	ng	98
22) Acetophenone	9.01	105	180371	37.189	ng	97
24) Nitrobenzene	9.40	77	140141	44.882	ng	99
25) Isophorone	9.92	82	274901	42.921	ng	98
26) 2-Nitrophenol	10.11	139	57364	47.240	ng	97
27) 2,4-Dimethylphenol	10.15	122	132601	51.179	ng	98
28) bis(2-Chloroethoxy)methane	10.40	93	167503	42.459	ng	97
29) 2,4-Dichlorophenol	10.64	162	130653	46.139	ng	98
30) 1,2,4-Trichlorobenzene	10.86	180	130181	40.948	ng	99
31) Naphthalene	11.06	128	381547	42.595	ng	99
32) Benzoic acid	10.27	122	80212	47.414	ng	97
33) 4-Chloroaniline	11.16	127	83169	20.025	ng	98
34) Hexachlorobutadiene	11.32	225	82695	39.113	ng	94
35) Caprolactam	11.95	113	45400m	38.744	ng	
36) 4-Chloro-3-methylphenol	12.25	107	145915	44.556	ng	99
37) 2-Methylnaphthalene	12.65	142	287549	43.342	ng	99
38) 1-Methylnaphthalene	12.86	142	273552	42.774	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	152327	39.516	ng	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	209506	99.739 ng	98
43) 2,4,6-Trichlorophenol	13.24	196	107451	45.335 ng	99
44) 2,4,5-Trichlorophenol	13.31	196	114100	45.932 ng	97
46) 1,1'-Biphenyl	13.64	154	387242	38.415 ng	99
47) 2-Chloronaphthalene	13.69	162	295225	38.931 ng	99
48) 2-Nitroaniline	13.89	65	95159	44.429 ng	99
49) Acenaphthylene	14.53	152	485457	42.426 ng	99
50) Dimethylphthalate	14.26	163	397043	40.577 ng	99
51) 2,6-Dinitrotoluene	14.38	165	82139	45.337 ng	97
52) Acenaphthene	14.87	154	300829	40.502 ng	95
53) 3-Nitroaniline	14.71	138	52107	29.012 ng	91
54) 2,4-Dinitrophenol	14.91	184	79740	91.886 ng	95
55) Dibenzofuran	15.20	168	476019	39.972 ng	100
56) 4-Nitrophenol	15.00	139	156276	87.728 ng	94
57) 2,4-Dinitrotoluene	15.16	165	114500	48.735 ng	92
58) Fluorene	15.85	166	378623	42.649 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.42	232	114423	49.195 ng	99
60) Diethylphthalate	15.61	149	411315	40.656 ng	98
61) 4-Chlorophenyl-phenylether	15.84	204	196091	39.009 ng	96
62) 4-Nitroaniline	15.88	138	88405	43.515 ng	98
63) Azobenzene	16.13	77	379040	38.332 ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	58838	49.422 ng	96
66) n-Nitrosodiphenylamine	16.05	169	349138	38.455 ng	99
67) 4-Bromophenyl-phenylether	16.73	248	126126	38.076 ng	94
68) Hexachlorobenzene	16.84	284	133703	40.230 ng	95
69) Atrazine	16.99	200	144660	43.600 ng	95
70) Pentachlorophenol	17.19	266	180803	78.274 ng	97
71) Phenanthrene	17.59	178	641177	41.489 ng	99
72) Anthracene	17.69	178	659969	43.355 ng	99
73) Carbazole	17.96	167	594439	39.129 ng	97
74) Di-n-butylphthalate	18.50	149	725563	40.939 ng	99
75) Fluoranthene	19.60	202	791045	44.100 ng	99
77) Benzidine	19.77	184	280344	27.717 ng	99
78) Pyrene	19.95	202	796412	41.469 ng	99
80) Butylbenzylphthalate	20.83	149	331528	40.922 ng	98
81) Benzo(a)anthracene	21.83	228	772021	42.351 ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	151710	22.445 ng	100
83) Chrysene	21.90	228	710477	40.942 ng	98
84) Bis(2-ethylhexyl)phthalate	21.71	149	466327	40.347 ng	99
85) Di-n-octyl phthalate	22.98	149	802515	42.028 ng	98
86) Indeno(1,2,3-cd)pyrene	29.14	276	836594	44.934 ng	99
88) Benzo(b)fluoranthene	24.15	252	748914	44.479 ng	99
89) Benzo(k)fluoranthene	24.23	252	724023	42.830 ng	99
90) Benzo(a)pyrene	25.08	252	725062	44.713 ng	99
91) Dibenzo(a,h)anthracene	29.23	278	676828	44.569 ng	98
92) Benzo(g,h,i)perylene	30.37	276	686317	45.342 ng	99

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

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