Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053119\
Data File : BG040997.D
Acq On : 1 Jun 2019 4:45
Operator : HP/JU
Sample : PB120082BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120082BSD

Quant Time: Jun 01 06:30:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56970	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	237144	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170878	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	449597	20.00	ng	0.00
76) Chrysene-d12	21.78	240	479637	20.00	ng	0.00
87) Perylene-d12	25.11	264	502179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	412599	130.60	ng	0.00
7) Phenol-d6	7.27	99	569308	116.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	436174	81.65	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	296893	117.03	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	967725	81.56	ng	0.00
79) Terphenyl-d14	20.09	244	1839086	81.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	49135	34.273	ng	# 87
3) Pyridine	3.92	79	138035	32.539	ng	96
4) n-Nitrosodimethylamine	3.85	42	74075	37.624	ng	99
6) Aniline	7.44	93	160074	24.578	ng	94
8) 2-Chlorophenol	7.68	128	145651	38.670	ng	97
9) Benzaldehyde	7.25	77	71845	24.683	ng	86
10) Phenol	7.29	94	199515	38.136	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	133952	35.295	ng	99
12) 1,3-Dichlorobenzene	8.01	146	156717	34.837	ng	94
13) 1,4-Dichlorobenzene	8.16	146	156865	34.449	ng	96
14) 1,2-Dichlorobenzene	8.48	146	148687	33.630	ng	95
15) Benzyl Alcohol	8.36	79	161659	35.816	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	218502	35.233	ng	97
17) 2-Methylphenol	8.55	107	135753	35.838	ng	97
18) Hexachloroethane	9.20	117	62364	35.534	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	126387	33.659	ng	95
20) 3+4-Methylphenols	8.88	107	184575	35.177	ng	98
22) Acetophenone	8.95	105	236353	35.530	ng	# 97
24) Nitrobenzene	9.34	77	196571	36.109	ng	99
25) Isophorone	9.86	82	355609	34.980	ng	99
26) 2-Nitrophenol	10.05	139	84937	37.847	ng	90
27) 2,4-Dimethylphenol	10.09	122	149957	40.458	ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	189196	34.482	ng	99
29) 2,4-Dichlorophenol	10.58	162	167924	35.677	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	183054	34.188	ng	92
31) Naphthalene	11.00	128	450938	35.416	ng	99
32) Benzoic acid	10.22	122	89260	33.856	ng	92
33) 4-Chloroaniline	11.11	127	108140	18.305	ng	91
34) Hexachlorobutadiene	11.25	225	137091	33.462	ng	98
35) Caprolactam	11.88	113	53141	34.190	ng	92
36) 4-Chloro-3-methylphenol	12.21	107	187161	34.818	ng	97
37) 2-Methylnaphthalene	12.59	142	333937	34.053	ng	99
38) 1-Methylnaphthalene	12.81	142	325079	35.178	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	246421	35.779	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	326524	87.352	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	159226	35.737	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	172220	36.651	ng		98
46) 1,1'-Biphenyl	13.59	154	460778	36.429	ng		99
47) 2-Chloronaphthalene	13.63	162	374440	34.483	ng		97
48) 2-Nitroaniline	13.84	65	137608	35.324	ng		94
49) Acenaphthylene	14.48	152	585938	35.852	ng		100
50) Dimethylphthalate	14.20	163	507164	35.062	ng		100
51) 2,6-Dinitrotoluene	14.33	165	110658	35.481	ng		98
52) Acenaphthene	14.82	154	341702	34.514	ng		98
53) 3-Nitroaniline	14.66	138	76827	24.635	ng		92
54) 2,4-Dinitrophenol	14.87	184	128129	79.198	ng		97
55) Dibenzofuran	15.15	168	598021	35.898	ng		97
56) 4-Nitrophenol	14.96	139	174464	81.559	ng		90
57) 2,4-Dinitrotoluene	15.11	165	162066	36.787	ng		99
58) Fluorene	15.80	166	473972	35.726	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	180647	39.119	ng		97
60) Diethylphthalate	15.55	149	515730	34.937	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	297137	34.457	ng		94
62) 4-Nitroaniline	15.83	138	117693	35.647	ng		96
63) Azobenzene	16.07	77	478022	35.628	ng		97
65) 4,6-Dinitro-2-methylphenol	15.87	198	93830	40.567	ng		95
66) n-Nitrosodiphenylamine	16.00	169	442181	34.986	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	198068	32.644	ng		99
68) Hexachlorobenzene	16.79	284	204426	31.640	ng		97
69) Atrazine	16.94	200	185553	38.049	ng		96
70) Pentachlorophenol	17.14	266	250536	72.791	ng		98
71) Phenanthrene	17.54	178	829838	35.435	ng		99
72) Anthracene	17.63	178	842510	36.477	ng		100
73) Carbazole	17.90	167	741645	37.422	ng		98
74) Di-n-butylphthalate	18.43	149	880443	35.744	ng		99
75) Fluoranthene	19.54	202	1101168	38.068	ng		98
77) Benzidine	19.72	184	411335	35.950	ng		97
78) Pyrene	19.90	202	1103788	35.401	ng		99
80) Butylbenzylphthalate	20.77	149	421900	34.771	ng		98
81) Benzo(a)anthracene	21.75	228	1091826	34.197	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	264342	23.540	ng		98
83) Chrysene	21.82	228	1072106	35.090	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	581722	34.057	ng		100
85) Di-n-octyl phthalate	22.87	149	985207	34.633	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1295081	34.603	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1115705	36.630	ng		100
89) Benzo(k)fluoranthene	24.12	252	1085387	36.010	ng		98
90) Benzo(a)pyrene	24.96	252	1084334	37.314	ng		96
91) Dibenzo(a,h)anthracene	29.02	278	1066581	36.732	ng		98
92) Benzo(g,h,i)perylene	30.17	276	1064648	37.740	ng		98

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

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