Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040564.D
Acq On : 19 Apr 2019 16:35
Operator : JU/SJ
Sample : K2475-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-TRACK-8-9MSD

Quant Time: Apr 20 02:05:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	51465	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	209250	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	136001	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	346124	20.00	ng		0.00
76) Chrysene-d12	21.69	240	302227	20.00	ng		0.00
87) Perylene-d12	24.96	264	338214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	423672	136.85	ng		0.00
7) Phenol-d6	7.19	99	607457	141.98	ng		0.00
23) Nitrobenzene-d5	9.20	82	358704	91.12	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	221049	150.39	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	711002	77.47	ng		0.00
79) Terphenyl-d14	20.01	244	1124489	83.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	55091	37.845	ng		96
3) Pyridine	3.88	79	141444	36.088	ng		96
4) n-Nitrosodimethylamine	3.80	42	77888	42.961	ng	#	98
6) Aniline	7.36	93	128783	23.168	ng		97
8) 2-Chlorophenol	7.59	128	156129	43.083	ng		94
9) Benzaldehyde	7.18	77	50928	17.353	ng		93
10) Phenol	7.22	94	210245	45.273	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	148020	39.796	ng		98
12) 1,3-Dichlorobenzene	7.92	146	159743	40.550	ng		98
13) 1,4-Dichlorobenzene	8.06	146	161634	41.195	ng		97
14) 1,2-Dichlorobenzene	8.38	146	154695	41.228	ng		99
15) Benzyl Alcohol	8.28	79	145799	42.314	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	369241	51.726	ng		99
17) 2-Methylphenol	8.47	107	182799	56.885	ng		96
18) Hexachloroethane	9.11	117	57535	38.551	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	154796	50.462	ng		98
20) 3+4-Methylphenols	8.80	107	258318	59.338	ng		98
22) Acetophenone	8.86	105	300371	57.546	ng	#	98
24) Nitrobenzene	9.25	77	183631	45.045	ng		96
25) Isophorone	9.76	82	357197	44.098	ng		98
26) 2-Nitrophenol	9.96	139	90041	46.613	ng		97
27) 2,4-Dimethylphenol	10.00	122	156115	50.880	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	206934	43.181	ng		99
29) 2,4-Dichlorophenol	10.49	162	163011	48.946	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	158492	43.340	ng		98
31) Naphthalene	10.90	128	489490	45.638	ng		98
32) Benzoic acid	10.15	122	27368m	14.763	ng		
33) 4-Chloroaniline	11.01	127	100592	21.987	ng		98
34) Hexachlorobutadiene	11.15	225	92498	39.550	ng		97
35) Caprolactam	11.80	113	66611m	50.400	ng		
36) 4-Chloro-3-methylphenol	12.12	107	195358	51.024	ng		96
37) 2-Methylnaphthalene	12.49	142	362264	45.668	ng		98
38) 1-Methylnaphthalene	12.71	142	348810	45.346	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	180526	41.763	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	173540	73.118	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	130985	47.000	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	145900	48.030	ng		99
46) 1,1'-Biphenyl	13.50	154	464844	43.258	ng		99
47) 2-Chloronaphthalene	13.55	162	359397	43.602	ng		100
48) 2-Nitroaniline	13.76	65	136741	49.181	ng		94
49) Acenaphthylene	14.39	152	607805	43.491	ng		99
50) Dimethylphthalate	14.12	163	551837	51.845	ng		99
51) 2,6-Dinitrotoluene	14.25	165	112354	47.011	ng		96
52) Acenaphthene	14.73	154	349526	43.647	ng		98
53) 3-Nitroaniline	14.59	138	69083	27.307	ng		90
54) 2,4-Dinitrophenol	14.79	184	113541	89.330	ng		98
55) Dibenzofuran	15.06	168	577022	44.842	ng		97
56) 4-Nitrophenol	14.89	139	203234	99.537	ng		96
57) 2,4-Dinitrotoluene	15.03	165	161348	48.586	ng		94
58) Fluorene	15.71	166	460359	45.504	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	139631	50.655	ng		97
60) Diethylphthalate	15.47	149	508574	46.693	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	237675	43.950	ng		95
62) 4-Nitroaniline	15.75	138	124640	45.909	ng		95
63) Azobenzene	15.99	77	467146	45.469	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	82745	42.552	ng		92
66) n-Nitrosodiphenylamine	15.92	169	443455	43.783	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	158724	40.750	ng		95
68) Hexachlorobenzene	16.71	284	163690	41.797	ng		96
69) Atrazine	16.86	200	166666	44.235	ng		96
70) Pentachlorophenol	17.06	266	195782	86.469	ng		95
71) Phenanthrene	17.45	178	795904	43.748	ng		99
72) Anthracene	17.55	178	807882	44.366	ng		100
73) Carbazole	17.82	167	785162	45.561	ng		99
74) Di-n-butylphthalate	18.35	149	904463	44.277	ng		99
75) Fluoranthene	19.46	202	975501	45.282	ng		100
77) Benzidine	19.65	184	240474	22.034	ng		96
78) Pyrene	19.83	202	961245	48.365	ng		99
80) Butylbenzylphthalate	20.70	149	429617	50.515	ng		97
81) Benzo(a)anthracene	21.67	228	860773	46.239	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	217305	30.687	ng		98
83) Chrysene	21.74	228	855891	47.840	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	603066	49.606	ng		100
85) Di-n-octyl phthalate	22.75	149	1030424	49.748	ng		98
86) Indeno(1,2,3-cd)pyrene	28.73	276	1061529	48.513	ng	#	87
88) Benzo(b)fluoranthene	23.92	252	939284	45.361	ng		97
89) Benzo(k)fluoranthene	23.99	252	876147	46.011	ng		100
90) Benzo(a)pyrene	24.81	252	904810	46.572	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	845776	46.872	ng		98
92) Benzo(g,h,i)perylene	29.92	276	876770	47.280	ng		98

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

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