Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042415.D
Acq On : 23 Aug 2019 00:07
Operator : HP/JU
Sample : K4452-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-CORNER-3MSD

Quant Time: Aug 23 02:38:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	77381	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	309964	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	219273	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	480582	20.00	ng		0.00
76) Chrysene-d12	21.70	240	474186	20.00	ng		0.00
87) Perylene-d12	24.93	264	550803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	606016	158.61	ng		0.00
7) Phenol-d6	7.17	99	711849	137.93	ng		0.00
23) Nitrobenzene-d5	9.17	82	393534	87.74	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	345829	110.96	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1054639	81.35	ng		0.00
79) Terphenyl-d14	20.03	244	1628553	74.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	59921	37.581	ng		95
3) Pyridine	3.82	79	163258	39.930	ng		93
4) n-Nitrosodimethylamine	3.73	42	60649	41.532	ng		86
6) Aniline	7.32	93	194431	28.246	ng		99
8) 2-Chlorophenol	7.57	128	197373	42.625	ng		99
9) Benzaldehyde	7.13	77	67626	26.173	ng		95
10) Phenol	7.19	94	232675	44.341	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	173643	42.135	ng		97
12) 1,3-Dichlorobenzene	7.89	146	207097	35.158	ng		97
13) 1,4-Dichlorobenzene	8.04	146	213305	35.749	ng		98
14) 1,2-Dichlorobenzene	8.36	146	209045	36.585	ng		99
15) Benzyl Alcohol	8.24	79	144159	38.825	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	214814	38.458	ng		98
17) 2-Methylphenol	8.45	107	164139	42.468	ng		92
18) Hexachloroethane	9.09	117	71765	35.133	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	125648	37.579	ng		99
20) 3+4-Methylphenols	8.78	107	218500	40.855	ng		95
22) Acetophenone	8.83	105	259587	39.156	ng	#	99
24) Nitrobenzene	9.21	77	181055	39.861	ng		97
25) Isophorone	9.74	82	342628	38.705	ng		98
26) 2-Nitrophenol	9.93	139	117542	41.295	ng		95
27) 2,4-Dimethylphenol	9.99	122	182017	46.422	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	227026	40.690	ng		97
29) 2,4-Dichlorophenol	10.48	162	213432	41.605	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	230663	36.632	ng		97
31) Naphthalene	10.87	128	564936	39.257	ng		99
32) Benzoic acid	10.13	122	78886	31.173	ng		98
33) 4-Chloroaniline	10.98	127	135135	20.342	ng		98
34) Hexachlorobutadiene	11.17	225	141886	33.528	ng		100
35) Caprolactam	11.75	113	66155	38.647	ng		96
36) 4-Chloro-3-methylphenol	12.12	107	196447	40.339	ng		98
37) 2-Methylnaphthalene	12.49	142	437267	37.842	ng		97
38) 1-Methylnaphthalene	12.71	142	423916	38.622	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	260315	36.968	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	231664	62.631	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	179904	37.797	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	193101	39.150	ng		97
46) 1,1'-Biphenyl	13.49	154	568506	40.109	ng		98
47) 2-Chloronaphthalene	13.53	162	470632	38.508	ng		98
48) 2-Nitroaniline	13.74	65	116647	39.579	ng		99
49) Acenaphthylene	14.39	152	733261	39.879	ng		98
50) Dimethylphthalate	14.12	163	792502	50.091	ng		100
51) 2,6-Dinitrotoluene	14.23	165	140458	38.301	ng		97
52) Acenaphthene	14.73	154	440084	39.416	ng		99
53) 3-Nitroaniline	14.56	138	106760	29.109	ng		95
54) 2,4-Dinitrophenol	14.77	184	69586	32.207	ng		98
55) Dibenzofuran	15.06	168	735615	39.803	ng		99
56) 4-Nitrophenol	14.89	139	236199	90.632	ng		97
57) 2,4-Dinitrotoluene	15.03	165	204833	39.005	ng		96
58) Fluorene	15.71	166	601554	39.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	186172	38.168	ng	#	90
60) Diethylphthalate	15.48	149	624237	40.361	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	343955	37.768	ng		100
62) 4-Nitroaniline	15.73	138	153256	39.043	ng		93
63) Azobenzene	16.00	77	435807	41.122	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	67987	22.564	ng		97
66) n-Nitrosodiphenylamine	15.92	169	550068	41.620	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	236758	38.839	ng		97
68) Hexachlorobenzene	16.72	284	235538	35.544	ng		95
69) Atrazine	16.87	200	202610	43.351	ng		98
70) Pentachlorophenol	17.07	266	229730	66.722	ng		98
71) Phenanthrene	17.46	178	952251	39.891	ng		99
72) Anthracene	17.55	178	990551	41.566	ng		98
73) Carbazole	17.82	167	893177	42.054	ng		99
74) Di-n-butylphthalate	18.38	149	1028913	40.982	ng		99
75) Fluoranthene	19.47	202	1205356	41.374	ng		99
77) Benzidine	19.64	184	475152	34.950	ng		99
78) Pyrene	19.83	202	1234184	42.453	ng		98
80) Butylbenzylphthalate	20.71	149	512858	44.851	ng		97
81) Benzo(a)anthracene	21.67	228	1160521	40.232	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	303937	26.199	ng	#	98
83) Chrysene	21.74	228	1120671	40.284	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	699629	44.067	ng		99
85) Di-n-octyl phthalate	22.79	149	1093718	40.054	ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1544239	40.847	ng	#	92
88) Benzo(b)fluoranthene	23.90	252	1393745	46.027	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	1255992	43.151	ng		97
90) Benzo(a)pyrene	24.79	252	1250286	43.512	ng	#	99
91) Dibenzo(a,h)anthracene	28.70	278	1264130	43.450	ng		96
92) Benzo(g,h,i)perylene	29.80	276	1207458	41.496	ng	#	97

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

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