Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041061.D
Acq On : 4 Jun 2019 16:58
Operator : HP/JU
Sample : K3110-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-B1-C1-B1A-C1AMSD

Quant Time: Jun 05 05:22:47 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	8.11	152	49858	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	189153	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	137249	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	340780	20.00	ng		-0.01
76) Chrysene-d12	21.77	240	327827	20.00	ng		-0.02
87) Perylene-d12	25.09	264	349677	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	367595	132.95	ng		0.00
7) Phenol-d6	7.27	99	535019	125.29	ng		0.00
23) Nitrobenzene-d5	9.29	82	360982	84.72	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	272551	133.76	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	800414	83.98	ng		-0.02
79) Terphenyl-d14	20.08	244	1305302	84.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	36779	29.314	ng	#	91
3) Pyridine	3.92	79	82944	22.341	ng		95
4) n-Nitrosodimethylamine	3.85	42	68162	39.559	ng		83
6) Aniline	7.44	93	93032	16.322	ng		97
8) 2-Chlorophenol	7.67	128	116646	35.387	ng		95
9) Benzaldehyde	7.25	77	56126	22.034	ng		93
10) Phenol	7.29	94	162630	35.520	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	109757	33.045	ng		97
12) 1,3-Dichlorobenzene	8.00	146	132695	33.704	ng		94
13) 1,4-Dichlorobenzene	8.15	146	132046	33.135	ng		96
14) 1,2-Dichlorobenzene	8.47	146	127412	32.928	ng		98
15) Benzyl Alcohol	8.35	79	137844	34.896	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	176905	32.594	ng		96
17) 2-Methylphenol	8.55	107	114319	34.485	ng		97
18) Hexachloroethane	9.20	117	50305	32.752	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	108466	33.007	ng		99
20) 3+4-Methylphenols	8.88	107	157588	34.318	ng		98
22) Acetophenone	8.95	105	202674	38.197	ng	#	96
24) Nitrobenzene	9.33	77	161884	37.282	ng		98
25) Isophorone	9.85	82	303415	37.419	ng		99
26) 2-Nitrophenol	10.04	139	72456	40.477	ng		89
27) 2,4-Dimethylphenol	10.09	122	123847	41.891	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	157798	36.056	ng		97
29) 2,4-Dichlorophenol	10.57	162	141228	37.618	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	150293	35.191	ng		98
31) Naphthalene	10.98	128	371137	36.544	ng		99
32) Benzoic acid	10.19	122	35322	20.893	ng		94
33) 4-Chloroaniline	11.10	127	69956	14.846	ng		98
34) Hexachlorobutadiene	11.24	225	110882	33.932	ng		96
35) Caprolactam	11.88	113	44735	36.084	ng		98
36) 4-Chloro-3-methylphenol	12.20	107	157493	36.732	ng		96
37) 2-Methylnaphthalene	12.58	142	280109	35.811	ng		99
38) 1-Methylnaphthalene	12.80	142	267763	36.328	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	200291	36.207	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	232566	78.393	ng	95
43) 2,4,6-Trichlorophenol	13.18	196	134477	37.578	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	144913	38.396	ng	96
46) 1,1'-Biphenyl	13.58	154	380028	37.406	ng	99
47) 2-Chloronaphthalene	13.63	162	311247	35.686	ng	97
48) 2-Nitroaniline	13.83	65	116404	37.203	ng	97
49) Acenaphthylene	14.47	152	484388	36.901	ng	98
50) Dimethylphthalate	14.19	163	534905	46.040	ng	99
51) 2,6-Dinitrotoluene	14.32	165	93765	37.431	ng	95
52) Acenaphthene	14.81	154	280826	35.315	ng	94
53) 3-Nitroaniline	14.66	138	48432	19.335	ng	97
54) 2,4-Dinitrophenol	14.86	184	95494	75.187	ng	96
55) Dibenzofuran	15.14	168	490551	36.661	ng	98
56) 4-Nitrophenol	14.95	139	144375	84.030	ng	94
57) 2,4-Dinitrotoluene	15.11	165	131715	37.224	ng	95
58) Fluorene	15.79	166	383336	35.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	145927	39.344	ng	99
60) Diethylphthalate	15.54	149	421141	35.519	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	246612	35.605	ng	95
62) 4-Nitroaniline	15.82	138	93579	35.288	ng	90
63) Azobenzene	16.07	77	389704	36.163	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	78993	44.106	ng	93
66) n-Nitrosodiphenylamine	15.99	169	354644	37.020	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	154037	33.494	ng	98
68) Hexachlorobenzene	16.78	284	164220	33.534	ng	99
69) Atrazine	16.93	200	152915	41.369	ng	97
70) Pentachlorophenol	17.13	266	196545	75.190	ng	99
71) Phenanthrene	17.53	178	654572	36.876	ng	99
72) Anthracene	17.62	178	666847	38.090	ng	100
73) Carbazole	17.89	167	582521	38.779	ng	99
74) Di-n-butylphthalate	18.42	149	675244	36.167	ng	99
75) Fluoranthene	19.53	202	822737	37.525	ng	97
77) Benzidine	19.72	184	120533	15.413	ng	99
78) Pyrene	19.90	202	820094	38.482	ng	100
80) Butylbenzylphthalate	20.76	149	305116	36.791	ng	97
81) Benzo(a)anthracene	21.75	228	784308	35.941	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	154827	20.172	ng	97
83) Chrysene	21.82	228	774328	37.079	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	421571	36.110	ng	97
85) Di-n-octyl phthalate	22.86	149	721595	37.113	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	938701	36.695	ng	99
88) Benzo(b)fluoranthene	24.03	252	779336	36.745	ng	99
89) Benzo(k)fluoranthene	24.10	252	782140	37.266	ng	99
90) Benzo(a)pyrene	24.94	252	779526	38.524	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	775348	38.347	ng	99
92) Benzo(g,h,i)perylene	30.14	276	781284	39.773	ng	97

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

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