Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043722.D
Acq On : 20 Nov 2019 7:56
Operator : JU
Sample : K5665-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-111419MSD

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:26 AM

Quant Time: Nov 20 08:34:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31035	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	122773	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	88575	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	209983	20.00	ng		0.00
76) Chrysene-d12	21.63	240	209085	20.00	ng		0.00
87) Perylene-d12	24.80	264	223108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	251996	148.79	ng		0.00
7) Phenol-d6	7.19	99	355339	145.83	ng		0.00
23) Nitrobenzene-d5	9.16	82	217207	91.21	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	222250	131.85	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	580874	90.62	ng		0.00
79) Terphenyl-d14	19.98	244	1084688	97.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	22759	34.484	ng	#	38
3) Pyridine	3.87	79	72000	43.247	ng		99
4) n-Nitrosodimethylamine	3.77	42	45585	54.261	ng		96
6) Aniline	7.32	93	24276	8.648	ng		99
8) 2-Chlorophenol	7.57	128	96830	51.792	ng		95
9) Benzaldehyde	7.15	77	1993	1.664	ng	#	88
10) Phenol	7.21	94	123095	55.282	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	81927	47.589	ng		94
12) 1,3-Dichlorobenzene	7.88	146	99812	42.611	ng		99
13) 1,4-Dichlorobenzene	8.02	146	102961	43.444	ng		97
14) 1,2-Dichlorobenzene	8.34	146	99624	43.053	ng		97
15) Benzyl Alcohol	8.24	79	75347	44.028	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.51	45	113615	45.387	ng		99
17) 2-Methylphenol	8.46	107	83705	51.566	ng		95
18) Hexachloroethane	9.07	117	36552	42.748	ng		96
19) n-Nitroso-di-n-propylamine	8.80	70	74130	47.079	ng		95
20) 3+4-Methylphenols	8.79	107	115586	51.928	ng		96
22) Acetophenone	8.81	105	146673	46.650	ng	#	96
24) Nitrobenzene	9.20	77	109656	48.337	ng		94
25) Isophorone	9.72	82	211276	48.526	ng		99
26) 2-Nitrophenol	9.91	139	57678	52.663	ng		98
27) 2,4-Dimethylphenol	9.99	122	94688	60.320	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	110497	45.983	ng		97
29) 2,4-Dichlorophenol	10.47	162	102414	50.920	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	113047	44.595	ng		97
31) Naphthalene	10.84	128	303084	48.634	ng		98
32) Benzoic acid	10.18	122	55600	46.691	ng	#	85
33) 4-Chloroaniline	11.00	127	4256	1.666	ng	#	79
34) Hexachlorobutadiene	11.13	225	80449	42.931	ng		97
35) Caprolactam	11.74	113	32526m	46.956	ng		
36) 4-Chloro-3-methylphenol	12.11	107	116676	53.182	ng		91
37) 2-Methylnaphthalene	12.45	142	233866	48.909	ng		100
38) 1-Methylnaphthalene	12.67	142	219853m	48.324	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	146833	44.793	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	135075	78.442	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	98877	51.219	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	105923	54.273	ng	#	91
46) 1,1'-Biphenyl	13.45	154	310640	46.101	ng		97
47) 2-Chloronaphthalene	13.50	162	245393	47.863	ng		97
48) 2-Nitroaniline	13.71	65	72066	47.030	ng		97
49) Acenaphthylene	14.35	152	384705	48.212	ng		99
50) Dimethylphthalate	14.08	163	357633	52.127	ng		98
51) 2,6-Dinitrotoluene	14.20	165	74056	49.686	ng		94
52) Acenaphthene	14.69	154	232809	47.843	ng		96
53) 3-Nitroaniline	14.54	138	11880	8.256	ng	#	85
54) 2,4-Dinitrophenol	14.74	184	94703	99.771	ng	#	87
55) Dibenzofuran	15.02	168	388972	49.292	ng		99
56) 4-Nitrophenol	14.88	139	91471	94.853	ng		88
57) 2,4-Dinitrotoluene	14.99	165	104575	49.095	ng		96
58) Fluorene	15.67	166	324866	49.085	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	102537	49.450	ng	#	98
60) Diethylphthalate	15.44	149	325587	47.230	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	185981	48.169	ng		98
62) 4-Nitroaniline	15.71	138	47518	31.974	ng		95
63) Azobenzene	15.95	77	270662	48.514	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	70585	57.119	ng		94
66) n-Nitrosodiphenylamine	15.87	169	206278	34.795	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	130102	46.039	ng		96
68) Hexachlorobenzene	16.68	284	142955	44.071	ng		98
69) Atrazine	16.82	200	45738	22.203	ng		96
70) Pentachlorophenol	17.03	266	151321	102.378	ng		99
71) Phenanthrene	17.41	178	502403	46.723	ng		99
72) Anthracene	17.50	178	509051	47.317	ng		100
73) Carbazole	17.78	167	353722	36.307	ng		99
74) Di-n-butylphthalate	18.32	149	533154	45.102	ng		99
75) Fluoranthene	19.42	202	644373	45.967	ng		98
78) Pyrene	19.78	202	640282	49.473	ng		98
80) Butylbenzylphthalate	20.66	149	237072	48.350	ng		99
81) Benzo(a)anthracene	21.61	228	657767	50.223	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	12823	2.531	ng		88
83) Chrysene	21.68	228	642249	49.355	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	345985	49.674	ng		97
85) Di-n-octyl phthalate	22.70	149	602592	50.994	ng		98
86) Indeno(1,2,3-cd)pyrene	28.43	276	797806	48.842	ng		100
88) Benzo(b)fluoranthene	23.80	252	685455	54.246	ng		100
89) Benzo(k)fluoranthene	23.87	252	696840	54.779	ng		99
90) Benzo(a)pyrene	24.66	252	613709	50.860	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	684594	55.467	ng		99
92) Benzo(g,h,i)perylene	29.56	276	654228	53.738	ng		96

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

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