Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043563.D
Acq On : 8 Nov 2019 7:07
Operator : JU
Sample : K5675-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-110519MSD

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:06 PM

Quant Time: Nov 08 07:53:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27751	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	105857	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	80469	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	205698	20.00	ng		0.00
76) Chrysene-d12	21.65	240	212206	20.00	ng		0.00
87) Perylene-d12	24.85	264	249814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	214636	141.73	ng		0.01
7) Phenol-d6	7.21	99	291603	133.83	ng		0.02
23) Nitrobenzene-d5	9.17	82	181480	88.38	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	208625	136.24	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	475467	81.65	ng		0.00
79) Terphenyl-d14	19.99	244	1092332	96.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	22722	38.502	ng	#	33
3) Pyridine	3.89	79	48618	32.658	ng		96
4) n-Nitrosodimethylamine	3.79	42	35388	47.108	ng	#	92
6) Aniline	7.34	93	24307	9.684	ng		99
8) 2-Chlorophenol	7.58	128	81154	48.544	ng		96
9) Benzaldehyde	7.14	77	17520	16.362	ng		91
10) Phenol	7.24	94	107324	53.903	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	66181	42.992	ng		98
12) 1,3-Dichlorobenzene	7.90	146	80138	38.260	ng		97
13) 1,4-Dichlorobenzene	8.04	146	83059	39.194	ng		98
14) 1,2-Dichlorobenzene	8.36	146	81293	39.288	ng		97
15) Benzyl Alcohol	8.26	79	73730	48.182	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91082	40.691	ng		97
17) 2-Methylphenol	8.48	107	69005	47.541	ng		98
18) Hexachloroethane	9.09	117	27791	36.348	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	61026	43.344	ng		91
20) 3+4-Methylphenols	8.81	107	94135	47.296	ng	#	85
22) Acetophenone	8.83	105	119073	43.924	ng	#	93
24) Nitrobenzene	9.21	77	93018	47.555	ng	#	98
25) Isophorone	9.73	82	172074	45.838	ng		99
26) 2-Nitrophenol	9.92	139	47556	50.360	ng		96
27) 2,4-Dimethylphenol	10.01	122	78430	57.947	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	90536	43.697	ng		96
29) 2,4-Dichlorophenol	10.48	162	88422	50.988	ng		93
30) 1,2,4-Trichlorobenzene	10.68	180	91492	41.860	ng		98
31) Naphthalene	10.86	128	248055	46.165	ng		98
32) Benzoic acid	10.19	122	49508	47.923	ng		92
33) 4-Chloroaniline	11.00	127	8341	3.787	ng	#	85
34) Hexachlorobutadiene	11.15	225	63603	39.365	ng		92
35) Caprolactam	11.75	113	27802m	46.550	ng		
36) 4-Chloro-3-methylphenol	12.13	107	100192	52.966	ng		98
37) 2-Methylnaphthalene	12.47	142	192201	46.619	ng		98
38) 1-Methylnaphthalene	12.68	142	184724	47.091	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	123796	41.570	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	107840	68.935	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	84639	48.260	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	92699	52.282	ng		98
46) 1,1'-Biphenyl	13.47	154	264165	43.153	ng		98
47) 2-Chloronaphthalene	13.51	162	204611	43.929	ng		100
48) 2-Nitroaniline	13.72	65	64543	46.363	ng		95
49) Acenaphthylene	14.36	152	344116	47.470	ng		99
50) Dimethylphthalate	14.09	163	338689	54.339	ng		98
51) 2,6-Dinitrotoluene	14.21	165	65263	48.197	ng		99
52) Acenaphthene	14.70	154	208654	47.198	ng		98
53) 3-Nitroaniline	14.56	138	17938	13.721	ng	#	94
54) 2,4-Dinitrophenol	14.76	184	80410	93.723	ng		98
55) Dibenzofuran	15.03	168	344569	48.064	ng		99
56) 4-Nitrophenol	14.91	139	102743	117.275	ng		94
57) 2,4-Dinitrotoluene	15.01	165	97033	50.143	ng	#	96
58) Fluorene	15.69	166	295708	49.180	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	97303	51.653	ng		97
60) Diethylphthalate	15.45	149	292376	46.685	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	166400	47.439	ng		99
62) 4-Nitroaniline	15.72	138	56388	41.764	ng		94
63) Azobenzene	15.97	77	245693	48.474	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	61096	50.470	ng		95
66) n-Nitrosodiphenylamine	15.89	169	262288	45.165	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	121799	43.999	ng		98
68) Hexachlorobenzene	16.70	284	139618	43.938	ng		98
69) Atrazine	16.84	200	105692	52.376	ng		98
70) Pentachlorophenol	17.05	266	139490	96.339	ng		99
71) Phenanthrene	17.43	178	497565	47.237	ng		99
72) Anthracene	17.52	178	517006	49.058	ng		100
73) Carbazole	17.80	167	454358	47.609	ng		99
74) Di-n-butylphthalate	18.34	149	539158	46.560	ng		98
75) Fluoranthene	19.44	202	658836	47.978	ng		99
77) Benzidine	19.64	184	88793	20.791	ng	#	95
78) Pyrene	19.80	202	656906	50.011	ng		100
80) Butylbenzylphthalate	20.68	149	241964	48.622	ng		94
81) Benzo(a)anthracene	21.63	228	669437	50.362	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	106223	20.661	ng		96
83) Chrysene	21.70	228	647995	49.064	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	352576	49.876	ng		99
85) Di-n-octyl phthalate	22.73	149	598374	49.893	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	827470	49.913	ng	#	98
88) Benzo(b)fluoranthene	23.84	252	690759	48.822	ng		98
89) Benzo(k)fluoranthene	23.90	252	702866	49.346	ng		97
90) Benzo(a)pyrene	24.69	252	633520	46.889	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	710246	51.394	ng		99
92) Benzo(g,h,i)perylene	29.63	276	706266	51.810	ng		98

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

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