Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041890.D
Acq On : 2 Aug 2019 16:09
Operator : HP/JU
Sample : K4130-17MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1S-M-(0-30)-COMPMS

Quant Time: Aug 02 18:28:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82724	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	343641	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	277994	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	664647	20.00	ng		0.00
76) Chrysene-d12	21.74	240	666573	20.00	ng		0.00
87) Perylene-d12	25.01	264	801573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	448565	105.50	ng		0.00
7) Phenol-d6	7.19	99	633782	110.57	ng		0.00
23) Nitrobenzene-d5	9.20	82	373119	74.72	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	420446	133.15	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1029098	65.29	ng		0.00
79) Terphenyl-d14	20.06	244	1824480	62.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	59075	29.520	ng		94
3) Pyridine	3.86	79	164259	29.932	ng		93
4) n-Nitrosodimethylamine	3.77	42	80967	37.218	ng		97
6) Aniline	7.36	93	189749	23.509	ng		94
8) 2-Chlorophenol	7.60	128	214866	44.132	ng		94
9) Benzaldehyde	7.16	77	107781	26.722	ng		96
10) Phenol	7.22	94	277384	46.514	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	180393	36.796	ng		95
12) 1,3-Dichlorobenzene	7.93	146	235891	37.123	ng		98
13) 1,4-Dichlorobenzene	8.08	146	239373	37.648	ng		96
14) 1,2-Dichlorobenzene	8.40	146	229556	37.836	ng		93
15) Benzyl Alcohol	8.27	79	191832	42.538	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	303098	34.751	ng		96
17) 2-Methylphenol	8.48	107	186967	43.110	ng		97
18) Hexachloroethane	9.14	117	82891	38.069	ng		89
19) n-Nitroso-di-n-propylamine	8.85	70	154855	37.211	ng		91
20) 3+4-Methylphenols	8.81	107	258999	43.640	ng		99
22) Acetophenone	8.86	105	303408	39.473	ng	#	94
24) Nitrobenzene	9.25	77	222189	42.235	ng		97
25) Isophorone	9.78	82	435949	40.132	ng		99
26) 2-Nitrophenol	9.97	139	145699	59.674	ng		96
27) 2,4-Dimethylphenol	10.03	122	219201	50.868	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	258950	38.147	ng		99
29) 2,4-Dichlorophenol	10.51	162	269601	51.375	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	265811	39.944	ng		97
31) Naphthalene	10.91	128	657789	41.824	ng		98
32) Benzoic acid	10.20	122	3923m	9.771	ng		
33) 4-Chloroaniline	11.01	127	156226	20.946	ng		98
34) Hexachlorobutadiene	11.21	225	171551	38.197	ng		99
35) Caprolactam	11.79	113	106208m	58.237	ng		
36) 4-Chloro-3-methylphenol	12.14	107	275845	53.020	ng		96
37) 2-Methylnaphthalene	12.52	142	538505	43.257	ng		99
38) 1-Methylnaphthalene	12.75	142	513674	43.541	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	352949	40.109	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	358629	72.488	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	292038	52.508	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	315956	54.667	ng		96
46) 1,1'-Biphenyl	13.53	154	713174	39.909	ng		97
47) 2-Chloronaphthalene	13.57	162	597129	39.247	ng		95
48) 2-Nitroaniline	13.77	65	184869	47.909	ng		90
49) Acenaphthylene	14.42	152	966712	42.477	ng		98
50) Dimethylphthalate	14.15	163	906904	47.768	ng		99
51) 2,6-Dinitrotoluene	14.26	165	198055	49.888	ng		87
52) Acenaphthene	14.77	154	638841	43.159	ng		99
53) 3-Nitroaniline	14.59	138	136257	32.082	ng	#	92
54) 2,4-Dinitrophenol	14.80	184	81014	41.678	ng		91
55) Dibenzofuran	15.10	168	992131	43.821	ng		96
56) 4-Nitrophenol	14.90	139	382316	118.589	ng		95
57) 2,4-Dinitrotoluene	15.05	165	290378	53.187	ng		93
58) Fluorene	15.75	166	825867	45.454	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	318054	55.562	ng		92
60) Diethylphthalate	15.52	149	819349	43.957	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	478237	43.115	ng		95
62) 4-Nitroaniline	15.76	138	217585	47.298	ng		97
63) Azobenzene	16.04	77	655818	43.071	ng		92
65) 4,6-Dinitro-2-methylphenol	15.82	198	135490	42.557	ng		84
66) n-Nitrosodiphenylamine	15.95	169	774451	42.777	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	336459	41.096	ng		97
68) Hexachlorobenzene	16.76	284	350882	40.966	ng		94
69) Atrazine	16.91	200	305765	42.985	ng		98
70) Pentachlorophenol	17.10	266	334251	68.695	ng		97
71) Phenanthrene	17.49	178	1829455	57.424	ng		99
72) Anthracene	17.59	178	1520885	47.866	ng		97
73) Carbazole	17.85	167	1243669	43.610	ng		96
74) Di-n-butylphthalate	18.42	149	1370911	42.403	ng		97
75) Fluoranthene	19.50	202	2556245	66.011	ng		96
77) Benzidine	19.68	184	697180	32.044	ng		98
78) Pyrene	19.87	202	2473609	62.633	ng		95
80) Butylbenzylphthalate	20.75	149	647799	42.782	ng		87
81) Benzo(a)anthracene	21.72	228	2279499	57.800	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	404302	25.534	ng	#	95
83) Chrysene	21.79	228	2160346	57.147	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	913631	43.742	ng		99
85) Di-n-octyl phthalate	22.86	149	1566860	44.574	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2593905	51.833	ng	#	94
88) Benzo(b)fluoranthene	23.98	252	2551807m	58.195	ng		
89) Benzo(k)fluoranthene	24.04	252	2151787m	50.377	ng		
90) Benzo(a)pyrene	24.87	252	2419960m	57.543	ng		
91) Dibenzo(a,h)anthracene	28.83	278	1855181	44.926	ng	#	96
92) Benzo(g,h,i)perylene	29.94	276	2191443	53.118	ng	#	94

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

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