Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035236.D
Acq On : 19 Jun 2018 3:37
Operator : SJ/JU
Sample : J3240-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-01-061518MS

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:14 PM

Quant Time: Jun 19 07:43:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50200	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	170966	20.00	ng		-0.02
38) Acenaphthene-d10	14.69	164	122761	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	331387	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	385757	20.00	ng		-0.02
86) Perylene-d12	24.92	264	379361	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	442146	148.64	ng		0.00
7) Phenol-d6	7.23	99	588028	133.94	ng		0.00
23) Nitrobenzene-d5	9.23	82	453153	125.99	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	344739	219.37	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1001449	106.05	ng		-0.02
78) Terphenyl-d14	20.03	244	2023187	109.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	54561	38.444	ng	#	74
3) Pyridine	3.96	79	133913	34.970	ng	#	74
4) n-Nitrosodimethylamine	3.87	42	63407	38.542	ng	#	77
6) Aniline	7.39	93	186933	32.939	ng		97
8) 2-Chlorophenol	7.63	128	137981	44.253	ng		94
9) Benzaldehyde	7.20	77	80128	23.694	ng		97
10) Phenol	7.25	94	177017	38.960	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	146129	41.437	ng		88
12) 1,3-Dichlorobenzene	7.95	146	163942	44.067	ng		97
13) 1,4-Dichlorobenzene	8.10	146	167015	43.489	ng		97
14) 1,2-Dichlorobenzene	8.42	146	158917	44.054	ng		93
15) Benzyl Alcohol	8.30	79	170315	40.940	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	162597	46.325	ng		76
17) 2-Methylphenol	8.50	107	131980	44.059	ng		94
18) Hexachloroethane	9.15	117	60393	43.925	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	138238	37.062	ng	#	83
20) 3+4-Methylphenols	8.82	107	180248	41.980	ng		92
22) Acetophenone	8.88	105	243123	45.907	ng	#	91
24) Nitrobenzene	9.27	77	199671	54.214	ng		97
25) Isophorone	9.79	82	399702	52.636	ng		99
26) 2-Nitrophenol	9.98	139	81345	64.076	ng	#	93
27) 2,4-Dimethylphenol	10.03	122	150255	56.308	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	207537	50.858	ng		97
29) 2,4-Dichlorophenol	10.51	162	166268	57.264	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	177750	51.054	ng		96
31) Naphthalene	10.92	128	440826	49.634	ng		100
32) Benzoic acid	10.13	122	43696	24.447	ng		91
33) 4-Chloroaniline	11.02	127	62515	16.211	ng		92
34) Hexachlorobutadiene	11.20	225	135580	50.072	ng		96
35) Caprolactam	11.80	113	45341m	42.254	ng		
36) 4-Chloro-3-methylphenol	12.14	107	204867	56.603	ng		93
37) 2-Methylnaphthalene	12.52	142	347263	51.572	ng		89
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	236514	51.724	ng		99
40) Hexachlorocyclopentadiene	12.86	237	310305	108.217	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	159517	58.261	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	172074	57.260	ng		96
45) 1,1'-Biphenyl	13.52	154	472093	47.825	ng		97
46) 2-Chloronaphthalene	13.56	162	376500	50.447	ng		98
47) 2-Nitroaniline	13.76	65	137897	62.571	ng		94
48) Acenaphthylene	14.41	152	634386	50.693	ng		97
49) Dimethylphthalate	14.14	163	554055	51.756	ng		99
50) 2,6-Dinitrotoluene	14.25	165	123981	63.483	ng		95
51) Acenaphthene	14.75	154	386910	47.320	ng		97
52) 3-Nitroaniline	14.59	138	79592	41.533	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	92355	116.849	ng	#	64
54) Dibenzofuran	15.08	168	626163	51.132	ng		94
55) 4-Nitrophenol	14.89	139	174723	108.030	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	186357	71.833	ng		90
57) Fluorene	15.73	166	528115	51.602	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181688	62.235	ng		93
59) Diethylphthalate	15.50	149	554778	50.795	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	299462	51.314	ng		97
61) 4-Nitroaniline	15.75	138	128865	62.702	ng	#	81
62) Azobenzene	16.01	77	546369	51.049	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	83429	55.141	ng		88
65) n-Nitrosodiphenylamine	15.94	169	478484	48.080	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	211038	52.882	ng		96
67) Hexachlorobenzene	16.74	284	214107	52.712	ng		95
68) Atrazine	16.88	200	225061	53.031	ng		98
69) Pentachlorophenol	17.08	266	245077	89.728	ng		98
70) Phenanthrene	17.47	178	880131	52.284	ng		96
71) Anthracene	17.56	178	904545	53.643	ng		98
72) Carbazole	17.83	167	837499	53.530	ng		97
73) Di-n-butylphthalate	18.39	149	951329	51.016	ng	#	98
74) Fluoranthene	19.47	202	1187672	54.219	ng		96
76) Benzidine	19.65	184	289697	20.186	ng		99
77) Pyrene	19.84	202	1189652	46.780	ng		97
79) Butylbenzylphthalate	20.72	149	454127	49.178	ng		97
80) Benzo(a)anthracene	21.68	228	1240494	50.322	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	297995	32.131	ng	#	97
82) Chrysene	21.75	228	1163411	51.547	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	627927	48.124	ng		100
84) Di-n-octyl phthalate	22.80	149	1082557	48.360	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.60	276	1419607	53.705	ng	#	84
87) Benzo(b)fluoranthene	23.90	252	1268816	54.311	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	1166178	51.030	ng	#	97
89) Benzo(a)pyrene	24.78	252	1206573	54.887	ng	#	97
90) Dibenzo(a,h)anthracene	28.68	278	1149076	52.951	ng	#	95
91) Benzo(g,h,i)perylene	29.75	276	1169555	55.070	ng	#	92

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

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