Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038934.D
Acq On : 4 Jan 2019 17:51
Operator : JU/SJ
Sample : K1017-26MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5MS

Manual Integrations APPROVED
Sohil
1/7/2019 12:48:13 PM

Quant Time: Jan 04 23:00:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24522	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	99126	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	71621	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	181026	20.00	ng		0.00
76) Chrysene-d12	21.71	240	179695	20.00	ng		-0.01
87) Perylene-d12	25.00	264	194021	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	168879	122.15	ng		0.00
7) Phenol-d6	7.21	99	217212	114.44	ng		0.00
23) Nitrobenzene-d5	9.23	82	158661	81.77	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	154820	156.85	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	436177	83.55	ng		-0.01
79) Terphenyl-d14	20.04	244	819175	99.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	16390	25.472	ng		99
3) Pyridine	3.88	79	35710	20.157	ng	#	88
4) n-Nitrosodimethylamine	3.80	42	30540	35.182	ng		92
6) Aniline	7.37	93	26012	10.736	ng		95
8) 2-Chlorophenol	7.61	128	66767	41.731	ng		99
9) Benzaldehyde	7.19	77	29918	24.299	ng		90
10) Phenol	7.24	94	72083	35.748	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	55101	34.322	ng		96
12) 1,3-Dichlorobenzene	7.93	146	67240	35.544	ng		96
13) 1,4-Dichlorobenzene	8.08	146	69043	35.636	ng		95
14) 1,2-Dichlorobenzene	8.40	146	67866	37.155	ng		97
15) Benzyl Alcohol	8.29	79	61775	41.699	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	117534	31.960	ng		95
17) 2-Methylphenol	8.49	107	57388	42.479	ng		97
18) Hexachloroethane	9.13	117	23586	33.315	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	49422	37.074	ng		99
20) 3+4-Methylphenols	8.82	107	78333	41.984	ng		97
22) Acetophenone	8.88	105	100346	40.528	ng	#	96
24) Nitrobenzene	9.27	77	76964	39.209	ng		94
25) Isophorone	9.78	82	145408	41.709	ng	#	94
26) 2-Nitrophenol	9.98	139	40977	40.787	ng		90
27) 2,4-Dimethylphenol	10.02	122	70422	48.910	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	81985	41.672	ng		99
29) 2,4-Dichlorophenol	10.51	162	80597	50.317	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	81632	42.191	ng		95
31) Naphthalene	10.91	128	215308	44.084	ng		99
32) Benzoic acid	10.17	122	33475m	39.016	ng		
33) 4-Chloroaniline	11.04	127	17513	8.259	ng		95
34) Hexachlorobutadiene	11.17	225	53716	41.030	ng	#	88
35) Caprolactam	11.82	113	18644m	28.125	ng		
36) 4-Chloro-3-methylphenol	12.15	107	84046	45.979	ng		92
37) 2-Methylnaphthalene	12.51	142	168908	48.476	ng		99
38) 1-Methylnaphthalene	12.74	142	163772	48.437	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	107045	39.984	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	113480	77.154	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	75192	45.679	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	81156	46.565	ng		97
46) 1,1'-Biphenyl	13.52	154	231571	38.569	ng		98
47) 2-Chloronaphthalene	13.56	162	184862	39.859	ng		96
48) 2-Nitroaniline	13.78	65	58124	39.345	ng		89
49) Acenaphthylene	14.41	152	308142	44.443	ng		99
50) Dimethylphthalate	14.14	163	255727	43.723	ng		98
51) 2,6-Dinitrotoluene	14.27	165	57265	43.204	ng		91
52) Acenaphthene	14.75	154	177222	42.746	ng		98
53) 3-Nitroaniline	14.61	138	9395	6.953	ng		92
54) 2,4-Dinitrophenol	14.82	184	63769	80.804	ng		96
55) Dibenzofuran	15.09	168	303235	42.668	ng		96
56) 4-Nitrophenol	14.92	139	71932	70.178	ng		99
57) 2,4-Dinitrotoluene	15.06	165	80858	43.313	ng		93
58) Fluorene	15.73	166	245886	46.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78617	50.138	ng		97
60) Diethylphthalate	15.49	149	259838	40.469	ng		96
61) 4-Chlorophenyl-phenylether	15.71	204	139848	42.569	ng		100
62) 4-Nitroaniline	15.77	138	54142	38.923	ng		97
63) Azobenzene	16.01	77	208915	38.949	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	52674	40.790	ng		88
66) n-Nitrosodiphenylamine	15.94	169	223065	41.938	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	96835	43.800	ng		96
68) Hexachlorobenzene	16.73	284	100966	44.055	ng		95
69) Atrazine	16.88	200	90844	46.022	ng		97
70) Pentachlorophenol	17.08	266	110304	81.371	ng		96
71) Phenanthrene	17.48	178	424790	45.251	ng		99
72) Anthracene	17.57	178	429245	46.318	ng		99
73) Carbazole	17.85	167	374695	40.882	ng		98
74) Di-n-butylphthalate	18.37	149	441632	41.994	ng		99
75) Fluoranthene	19.49	202	529835	45.617	ng		97
77) Benzidine	19.67	184	67322	12.668	ng		98
78) Pyrene	19.85	202	531659	44.786	ng		99
80) Butylbenzylphthalate	20.71	149	197670	42.620	ng		98
81) Benzo(a)anthracene	21.70	228	507032	46.306	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	83969	19.336	ng		99
83) Chrysene	21.76	228	469081	44.476	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	273556	41.588	ng		96
85) Di-n-octyl phthalate	22.78	149	472466	42.888	ng		97
86) Indeno(1,2,3-cd)pyrene	28.79	276	578483	46.654	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	504484	47.358	ng		99
89) Benzo(k)fluoranthene	24.02	252	496865m	46.840	ng		
90) Benzo(a)pyrene	24.85	252	490807	47.758	ng	#	99
91) Dibenzo(a,h)anthracene	28.85	278	477659	46.681	ng		98
92) Benzo(g,h,i)perylene	29.98	276	485728	48.168	ng		96

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

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