Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038944.D
Acq On : 5 Jan 2019 00:23
Operator : JU/SJ
Sample : PB116172BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116172BS

Manual Integrations APPROVED
Sohil

Quant Time: Jan 06 23:44:09 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

1/7/2019 12:48:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23508	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	92979	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	65366	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	176055	20.00	ng		0.00
76) Chrysene-d12	21.71	240	177472	20.00	ng		-0.01
87) Perylene-d12	25.00	264	185589	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	143172	108.02	ng		0.00
7) Phenol-d6	7.21	99	199706	109.76	ng		0.00
23) Nitrobenzene-d5	9.22	82	115632	63.53	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	114811	127.45	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	321618	67.50	ng		-0.01
79) Terphenyl-d14	20.04	244	635729	77.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	13702	22.213	ng		93
3) Pyridine	3.88	79	36303	21.375	ng		97
4) n-Nitrosodimethylamine	3.80	42	24415	29.339	ng		97
6) Aniline	7.38	93	27761	11.952	ng		96
8) 2-Chlorophenol	7.61	128	51055	33.287	ng		97
9) Benzaldehyde	7.19	77	20363	17.252	ng		89
10) Phenol	7.24	94	64004	33.110	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	40506	26.319	ng		96
12) 1,3-Dichlorobenzene	7.94	146	52769m	29.097	ng		
13) 1,4-Dichlorobenzene	8.08	146	53974	29.060	ng		99
14) 1,2-Dichlorobenzene	8.40	146	52662	30.075	ng		98
15) Benzyl Alcohol	8.29	79	45683	32.166	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	87604	24.849	ng		95
17) 2-Methylphenol	8.49	107	43354	33.475	ng		98
18) Hexachloroethane	9.12	117	18873	27.808	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	35604	27.861	ng		92
20) 3+4-Methylphenols	8.82	107	60809	33.998	ng		91
22) Acetophenone	8.88	105	72570	31.248	ng		95
24) Nitrobenzene	9.27	77	55833	30.325	ng		97
25) Isophorone	9.78	82	102051	31.208	ng		98
26) 2-Nitrophenol	9.98	139	29654	31.468	ng		94
27) 2,4-Dimethylphenol	10.03	122	52304	38.728	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	59645	32.321	ng		95
29) 2,4-Dichlorophenol	10.51	162	59118	39.348	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	59889	33.000	ng		96
31) Naphthalene	10.91	128	156250	34.107	ng		99
32) Benzoic acid	10.16	122	26616m	34.621	ng		
33) 4-Chloroaniline	11.04	127	22090	11.107	ng		93
34) Hexachlorobutadiene	11.17	225	39228	31.945	ng	#	85
35) Caprolactam	11.81	113	20211	32.505	ng	#	84
36) 4-Chloro-3-methylphenol	12.15	107	61481	35.858	ng		95
37) 2-Methylnaphthalene	12.51	142	119561	36.582	ng		100
38) 1-Methylnaphthalene	12.74	142	116574	36.757	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	75424	30.869	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	88881	66.212	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	54137	36.035	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	58296	36.650	ng		95
46) 1,1'-Biphenyl	13.52	154	160980	29.377	ng		99
47) 2-Chloronaphthalene	13.56	162	132752	31.362	ng		97
48) 2-Nitroaniline	13.78	65	40824	30.279	ng		91
49) Acenaphthylene	14.41	152	216922	34.280	ng		99
50) Dimethylphthalate	14.13	163	177181	33.192	ng		99
51) 2,6-Dinitrotoluene	14.27	165	41422	34.242	ng	#	85
52) Acenaphthene	14.75	154	124849	32.995	ng		99
53) 3-Nitroaniline	14.60	138	18936	15.356	ng		95
54) 2,4-Dinitrophenol	14.81	184	25833	38.748	ng		100
55) Dibenzofuran	15.08	168	216875	33.437	ng		97
56) 4-Nitrophenol	14.92	139	57958	61.955	ng		98
57) 2,4-Dinitrotoluene	15.06	165	59351	34.835	ng		93
58) Fluorene	15.73	166	174848	36.385	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	55891	39.055	ng	#	98
60) Diethylphthalate	15.49	149	185279	31.618	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	99184	33.080	ng		97
62) 4-Nitroaniline	15.77	138	41124	32.393	ng		95
63) Azobenzene	16.01	77	148405	30.316	ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	34090	27.144	ng		95
66) n-Nitrosodiphenylamine	15.94	169	164005	31.705	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	67613	31.446	ng		96
68) Hexachlorobenzene	16.73	284	73724	33.077	ng		96
69) Atrazine	16.88	200	70782	36.871	ng		95
70) Pentachlorophenol	17.08	266	82482	62.565	ng		98
71) Phenanthrene	17.48	178	314524	34.451	ng		99
72) Anthracene	17.57	178	322757	35.811	ng		99
73) Carbazole	17.84	167	281819	31.617	ng		99
74) Di-n-butylphthalate	18.37	149	335998	32.851	ng		99
75) Fluoranthene	19.49	202	395233	34.989	ng		98
77) Benzidine	19.67	184	89895	17.128	ng		99
78) Pyrene	19.85	202	397581	33.911	ng		99
80) Butylbenzylphthalate	20.71	149	149949	32.736	ng		98
81) Benzo(a)anthracene	21.70	228	377902	34.945	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	65218	15.206	ng		96
83) Chrysene	21.76	228	353888	33.975	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	206798	31.832	ng		98
85) Di-n-octyl phthalate	22.78	149	355206	32.648	ng		97
86) Indeno(1,2,3-cd)pyrene	28.78	276	420495	34.337	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	373902	36.695	ng		99
89) Benzo(k)fluoranthene	24.02	252	363521	35.827	ng		99
90) Benzo(a)pyrene	24.85	252	363481	36.976	ng	#	98
91) Dibenzo(a,h)anthracene	28.84	278	347934	35.548	ng		99
92) Benzo(g,h,i)perylene	29.97	276	349579	36.241	ng		97

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

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