Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038552.D
Acq On : 14 Dec 2018 3:54
Operator : JU/SJ
Sample : PB115587BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115587BS

Manual Integrations APPROVED
Sohil
12/14/2018 12:56:39 PM

Quant Time: Dec 14 06:02:31 2018
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	8.06	152	24233	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	98458	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	66605	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	172188	20.00	ng		0.00
76) Chrysene-d12	21.72	240	173676	20.00	ng		0.00
87) Perylene-d12	25.01	264	178753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	181377	132.75	ng		0.00
7) Phenol-d6	7.22	99	240761	128.36	ng		0.00
23) Nitrobenzene-d5	9.24	82	123773	64.22	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	117863	128.40	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	294474	60.65	ng		0.00
79) Terphenyl-d14	20.04	244	600676	75.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	19317	30.378	ng		87
3) Pyridine	3.89	79	55052	31.445	ng		97
4) n-Nitrosodimethylamine	3.81	42	36097	42.080	ng	#	98
6) Aniline	7.39	93	81374	33.986	ng		97
8) 2-Chlorophenol	7.62	128	67930	42.964	ng		98
9) Benzaldehyde	7.20	77	27177	22.336	ng		97
10) Phenol	7.24	94	87193	43.757	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	60924	38.402	ng		96
12) 1,3-Dichlorobenzene	7.94	146	68292	36.530	ng		96
13) 1,4-Dichlorobenzene	8.09	146	70878	37.019	ng		97
14) 1,2-Dichlorobenzene	8.41	146	67555	37.426	ng		100
15) Benzyl Alcohol	8.30	79	62446	42.654	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	137419	37.812	ng		98
17) 2-Methylphenol	8.50	107	61386	45.980	ng		99
18) Hexachloroethane	9.14	117	25923	37.052	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	52747	40.040	ng		99
20) 3+4-Methylphenols	8.83	107	81513	44.210	ng		95
22) Acetophenone	8.89	105	101182	41.143	ng	#	99
24) Nitrobenzene	9.28	77	80999	41.545	ng		99
25) Isophorone	9.79	82	145921	42.141	ng		98
26) 2-Nitrophenol	9.99	139	38327	38.408	ng		98
27) 2,4-Dimethylphenol	10.04	122	69519	48.611	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	83860	42.914	ng		96
29) 2,4-Dichlorophenol	10.52	162	74685	46.942	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	75631	39.355	ng		98
31) Naphthalene	10.93	128	206476	42.563	ng		98
32) Benzoic acid	10.18	122	26099	32.811	ng		89
33) 4-Chloroaniline	11.05	127	43446	20.628	ng		95
34) Hexachlorobutadiene	11.19	225	49278	37.896	ng		93
35) Caprolactam	11.82	113	26142m	39.704	ng		
36) 4-Chloro-3-methylphenol	12.15	107	77463	42.666	ng		92
37) 2-Methylnaphthalene	12.53	142	157012	45.368	ng		98
38) 1-Methylnaphthalene	12.74	142	149150	44.412	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	91692	36.829	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	117191	85.678	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	63782	41.666	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	67421	41.598	ng		97
46) 1,1'-Biphenyl	13.53	154	204139	36.560	ng		100
47) 2-Chloronaphthalene	13.58	162	165574	38.389	ng		98
48) 2-Nitroaniline	13.79	65	56633	41.223	ng		96
49) Acenaphthylene	14.42	152	270566	41.962	ng		99
50) Dimethylphthalate	14.15	163	223317	41.057	ng		99
51) 2,6-Dinitrotoluene	14.28	165	50608	41.057	ng		95
52) Acenaphthene	14.76	154	154896	40.174	ng		96
53) 3-Nitroaniline	14.61	138	35898	28.570	ng		98
54) 2,4-Dinitrophenol	14.82	184	58841	80.215	ng		96
55) Dibenzofuran	15.09	168	261185	39.519	ng		97
56) 4-Nitrophenol	14.91	139	82003	86.028	ng		94
57) 2,4-Dinitrotoluene	15.07	165	73601	42.395	ng		97
58) Fluorene	15.74	166	212575	43.413	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	63911	43.829	ng		98
60) Diethylphthalate	15.50	149	232985	39.019	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	117902	38.592	ng		96
62) 4-Nitroaniline	15.78	138	55367	42.801	ng		99
63) Azobenzene	16.02	77	203180	40.733	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	44843	36.508	ng		96
66) n-Nitrosodiphenylamine	15.95	169	196140	38.769	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	78637	37.394	ng		93
68) Hexachlorobenzene	16.74	284	83278	38.203	ng		96
69) Atrazine	16.89	200	82415	43.895	ng		97
70) Pentachlorophenol	17.09	266	94542	73.323	ng		98
71) Phenanthrene	17.49	178	378830	42.427	ng		99
72) Anthracene	17.58	178	385914	43.780	ng		99
73) Carbazole	17.85	167	348557	39.983	ng		98
74) Di-n-butylphthalate	18.38	149	423212	42.308	ng		99
75) Fluoranthene	19.49	202	484737	43.877	ng		98
77) Benzidine	19.68	184	206803	40.263	ng		99
78) Pyrene	19.85	202	474461	41.353	ng		100
80) Butylbenzylphthalate	20.72	149	185925	41.477	ng		99
81) Benzo(a)anthracene	21.70	228	458095	43.286	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	117420	27.976	ng		98
83) Chrysene	21.77	228	425900	41.782	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	258137	40.603	ng		99
85) Di-n-octyl phthalate	22.80	149	443677	41.671	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	524108	43.734	ng	#	99
88) Benzo(b)fluoranthene	23.96	252	460552	46.927	ng		98
89) Benzo(k)fluoranthene	24.03	252	436513	44.666	ng		97
90) Benzo(a)pyrene	24.86	252	443211	46.810	ng		98
91) Dibenzo(a,h)anthracene	28.87	278	434356	46.074	ng		99
92) Benzo(g,h,i)perylene	29.98	276	430890	46.379	ng		96

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

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