Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038043.D
Acq On : 16 Nov 2018 21:16
Operator : JU/SJ
Sample : PB114870BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Manual Integrations APPROVED
Sohil
11/19/2018 2:13:33 PM

Quant Time: Nov 17 03:26:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41059	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	174116	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	108189	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	251851	20.00	ng		0.00
76) Chrysene-d12	21.76	240	237457	20.00	ng		0.00
87) Perylene-d12	25.07	264	250980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	304316	127.97	ng		0.00
7) Phenol-d6	7.24	99	415325	122.35	ng		0.00
23) Nitrobenzene-d5	9.26	82	251913	77.45	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	142567	115.54	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	572583	77.10	ng		0.00
79) Terphenyl-d14	20.07	244	886409	87.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	34016	30.283	ng		93
3) Pyridine	3.92	79	99609	31.087	ng		98
4) n-Nitrosodimethylamine	3.84	42	49676	42.733	ng		99
6) Aniline	7.41	93	75719	17.283	ng		97
8) 2-Chlorophenol	7.65	128	115561	41.880	ng		98
9) Benzaldehyde	7.23	77	61893	25.212	ng		93
10) Phenol	7.26	94	153442	42.675	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	107580	36.649	ng		98
12) 1,3-Dichlorobenzene	7.97	146	116279	36.579	ng		96
13) 1,4-Dichlorobenzene	8.12	146	120293	37.461	ng		97
14) 1,2-Dichlorobenzene	8.44	146	113840	37.132	ng		100
15) Benzyl Alcohol	8.32	79	101532	41.336	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	210135	38.552	ng		97
17) 2-Methylphenol	8.52	107	105469	43.387	ng		97
18) Hexachloroethane	9.17	117	43452	37.181	ng		95
19) n-Nitroso-di-n-propylamine	8.89	70	88864	36.179	ng		98
20) 3+4-Methylphenols	8.85	107	140073	40.647	ng		99
22) Acetophenone	8.92	105	168482	38.891	ng	#	98
24) Nitrobenzene	9.31	77	133005	39.973	ng		96
25) Isophorone	9.82	82	247995	42.360	ng		98
26) 2-Nitrophenol	10.02	139	63725	38.363	ng		98
27) 2,4-Dimethylphenol	10.06	122	117668	47.016	ng		100
28) bis(2-Chloroethoxy)methane	10.30	93	155052	41.418	ng		98
29) 2,4-Dichlorophenol	10.54	162	119618	42.491	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	120164	38.092	ng		98
31) Naphthalene	10.96	128	357506	41.746	ng		99
32) Benzoic acid	10.19	122	63059m	41.409	ng		
33) 4-Chloroaniline	11.07	127	44953	11.285	ng		97
34) Hexachlorobutadiene	11.22	225	69741	35.921	ng		98
35) Caprolactam	11.85	113	43211m	38.349	ng		
36) 4-Chloro-3-methylphenol	12.17	107	130264	42.355	ng		98
37) 2-Methylnaphthalene	12.55	142	266329	43.295	ng		99
38) 1-Methylnaphthalene	12.77	142	252285	42.607	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	133789	37.007	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	170330	87.987	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	97710	39.663	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	105006	40.510	ng		96
46) 1,1'-Biphenyl	13.55	154	339402	37.342	ng		99
47) 2-Chloronaphthalene	13.61	162	264561	38.145	ng		98
48) 2-Nitroaniline	13.81	65	89157	40.844	ng		95
49) Acenaphthylene	14.45	152	450012	43.147	ng		99
50) Dimethylphthalate	14.17	163	347810	40.552	ng		99
51) 2,6-Dinitrotoluene	14.30	165	79863	41.141	ng		97
52) Acenaphthene	14.79	154	255014	40.614	ng		99
53) 3-Nitroaniline	14.63	138	36385	16.986	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	77058	74.300	ng		96
55) Dibenzofuran	15.12	168	419593	40.413	ng		96
56) 4-Nitrophenol	14.93	139	136737	82.768	ng		95
57) 2,4-Dinitrotoluene	15.09	165	111519	42.223	ng		97
58) Fluorene	15.77	166	333982	43.113	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	94114	43.391	ng		99
60) Diethylphthalate	15.52	149	358001	39.298	ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	171817	37.905	ng		99
62) 4-Nitroaniline	15.80	138	86516	40.658	ng		93
63) Azobenzene	16.04	77	335093	41.139	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	60437	37.940	ng		98
66) n-Nitrosodiphenylamine	15.97	169	304002	39.900	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	108152	39.125	ng		98
68) Hexachlorobenzene	16.76	284	111857	39.203	ng		98
69) Atrazine	16.91	200	114607	40.804	ng		97
70) Pentachlorophenol	17.11	266	132495	68.372	ng		95
71) Phenanthrene	17.51	178	568220	44.067	ng		99
72) Anthracene	17.60	178	579041	45.556	ng		99
73) Carbazole	17.88	167	532032	41.720	ng		99
74) Di-n-butylphthalate	18.41	149	629722	43.990	ng		99
75) Fluoranthene	19.52	202	677598	46.059	ng		100
77) Benzidine	19.70	184	181983	21.841	ng		99
78) Pyrene	19.88	202	686384	44.211	ng		98
80) Butylbenzylphthalate	20.75	149	293824	43.277	ng		98
81) Benzo(a)anthracene	21.73	228	645946	45.014	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	115442	20.652	ng		100
83) Chrysene	21.80	228	590981	43.044	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	409576	42.301	ng		100
85) Di-n-octyl phthalate	22.84	149	695933	44.429	ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	706243	46.315	ng	#	90
88) Benzo(b)fluoranthene	24.01	252	632086	45.765	ng		99
89) Benzo(k)fluoranthene	24.08	252	607332	44.563	ng		99
90) Benzo(a)pyrene	24.92	252	614930	46.588	ng		100
91) Dibenzo(a,h)anthracene	28.96	278	582443	45.861	ng		98
92) Benzo(g,h,i)perylene	30.09	276	583370	46.197	ng		99

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

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