Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042624.D
Acq On : 31 Aug 2019 8:10
Operator : HP/JU
Sample : PB122687BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122687BS

Quant Time: Aug 31 13:31:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31698	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	125731	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	88680	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	204379	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	240473	20.00	ng		-0.01
87) Perylene-d12	24.92	264	287645	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	183050	116.96	ng		0.00
7) Phenol-d6	7.17	99	224221	106.06	ng		0.00
23) Nitrobenzene-d5	9.16	82	118266	65.00	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	138237	109.67	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	375946	71.70	ng		0.00
79) Terphenyl-d14	20.02	244	743515	66.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	21838	33.435	ng	#	92
3) Pyridine	3.82	79	51185	30.561	ng		99
4) n-Nitrosodimethylamine	3.73	42	24901	41.627	ng		86
6) Aniline	7.31	93	79410	28.162	ng		97
8) 2-Chlorophenol	7.56	128	81527	42.981	ng		98
9) Benzaldehyde	7.12	77	45243	42.746	ng		99
10) Phenol	7.19	94	88437	41.143	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	64109	37.976	ng		97
12) 1,3-Dichlorobenzene	7.89	146	94527	39.175	ng		99
13) 1,4-Dichlorobenzene	8.03	146	96689	39.559	ng		97
14) 1,2-Dichlorobenzene	8.35	146	91072	38.909	ng		97
15) Benzyl Alcohol	8.23	79	59385	39.044	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	79153	34.594	ng		99
17) 2-Methylphenol	8.45	107	62732	39.623	ng		95
18) Hexachloroethane	9.09	117	31710	37.897	ng		92
19) n-Nitroso-di-n-propylamine	8.80	70	48402	35.339	ng		93
20) 3+4-Methylphenols	8.78	107	85238	38.907	ng		99
22) Acetophenone	8.82	105	110039	40.919	ng	#	98
24) Nitrobenzene	9.20	77	73199	39.729	ng		99
25) Isophorone	9.73	82	134042	37.330	ng		99
26) 2-Nitrophenol	9.93	139	47936	41.517	ng	#	93
27) 2,4-Dimethylphenol	9.99	122	74185	46.644	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	84215	37.211	ng		97
29) 2,4-Dichlorophenol	10.47	162	89096	42.816	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	105665	41.370	ng		95
31) Naphthalene	10.87	128	237393	40.668	ng		98
32) Benzoic acid	10.14	122	34739	33.143	ng		94
33) 4-Chloroaniline	10.98	127	63420	23.535	ng		98
34) Hexachlorobutadiene	11.15	225	70255	40.928	ng		98
35) Caprolactam	11.75	113	24133	34.756	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	78846	39.915	ng		98
37) 2-Methylnaphthalene	12.48	142	188546	40.226	ng		99
38) 1-Methylnaphthalene	12.70	142	177125	39.784	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	128317	45.058	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	136475	91.231	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	79141	41.113	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	83207	41.712	ng		99
46) 1,1'-Biphenyl	13.49	154	244402	42.636	ng		98
47) 2-Chloronaphthalene	13.53	162	200780	40.621	ng		99
48) 2-Nitroaniline	13.73	65	42960	36.043	ng		99
49) Acenaphthylene	14.38	152	310828	41.799	ng		99
50) Dimethylphthalate	14.10	163	251437	39.296	ng		99
51) 2,6-Dinitrotoluene	14.23	165	60685	40.917	ng		96
52) Acenaphthene	14.72	154	180402	39.952	ng		97
53) 3-Nitroaniline	14.56	138	38962	26.267	ng		99
54) 2,4-Dinitrophenol	14.78	184	66362	67.443	ng		96
55) Dibenzofuran	15.06	168	311440	41.668	ng		99
56) 4-Nitrophenol	14.89	139	80519	76.395	ng		97
57) 2,4-Dinitrotoluene	15.02	165	84251	39.669	ng		99
58) Fluorene	15.71	166	250863	41.059	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	85238m	43.209	ng		
60) Diethylphthalate	15.47	149	239707	38.323	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	149048	40.468	ng		97
62) 4-Nitroaniline	15.73	138	58274	36.708	ng		94
63) Azobenzene	15.99	77	162666	37.952	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	55979	43.687	ng		97
66) n-Nitrosodiphenylamine	15.91	169	228720	40.693	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	103968	40.105	ng		99
68) Hexachlorobenzene	16.72	284	110469	39.199	ng		96
69) Atrazine	16.86	200	86557	43.548	ng		96
70) Pentachlorophenol	17.07	266	122443	83.621	ng		99
71) Phenanthrene	17.45	178	420132	41.385	ng		98
72) Anthracene	17.54	178	434881	42.911	ng		99
73) Carbazole	17.81	167	381280	42.213	ng		99
74) Di-n-butylphthalate	18.36	149	435285	40.768	ng		99
75) Fluoranthene	19.46	202	575194	46.426	ng		96
77) Benzidine	19.64	184	292266	42.391	ng		100
78) Pyrene	19.83	202	584233	39.627	ng		97
80) Butylbenzylphthalate	20.70	149	218001	37.594	ng		97
81) Benzo(a)anthracene	21.67	228	597672	40.857	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	182140	30.959	ng		98
83) Chrysene	21.73	228	583128	41.334	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	312643	38.831	ng		98
85) Di-n-octyl phthalate	22.78	149	542974	39.210	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	762299	39.761	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	652213	41.244	ng		98
89) Benzo(k)fluoranthene	23.96	252	644260m	42.385	ng		
90) Benzo(a)pyrene	24.77	252	649160	43.261	ng		99
91) Dibenzo(a,h)anthracene	28.68	278	629598	41.439	ng		98
92) Benzo(g,h,i)perylene	29.79	276	637982	41.984	ng		97

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

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