Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019099.D
Acq On : 11 Mar 2019 18:49
Operator : JU/SJ
Sample : PB117788BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Manual Integrations APPROVED
Sohil
3/12/2019 4:45:16 PM

Quant Time: Mar 12 04:35:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	51944	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	218233	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	128619	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	304795	20.00	ng		0.00
76) Chrysene-d12	21.27	240	388560	20.00	ng		0.00
87) Perylene-d12	23.51	264	486642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	274706	85.65	ng		0.00
7) Phenol-d6	6.84	99	383637	81.77	ng		0.00
23) Nitrobenzene-d5	8.83	82	236451	51.22	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	164679	86.72	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	515362	52.12	ng		0.00
79) Terphenyl-d14	19.70	244	933156	47.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	34411	24.117	ng		94
3) Pyridine	3.63	79	92501	23.829	ng		98
4) n-Nitrosodimethylamine	3.55	42	24442	20.253	ng	#	94
6) Aniline	7.00	93	76024	12.551	ng		97
8) 2-Chlorophenol	7.23	128	97787	25.370	ng		100
9) Benzaldehyde	6.83	77	57981	19.648	ng		97
10) Phenol	6.86	94	129008	25.515	ng		96
11) bis(2-Chloroethyl)ether	7.10	93	88409	22.915	ng		99
12) 1,3-Dichlorobenzene	7.55	146	100611	24.666	ng		100
13) 1,4-Dichlorobenzene	7.70	146	102938	24.753	ng		97
14) 1,2-Dichlorobenzene	8.01	146	100030	24.724	ng		97
15) Benzyl Alcohol	7.92	79	96508	24.855	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	92605	23.507	ng		97
17) 2-Methylphenol	8.10	107	84891	25.765	ng		99
18) Hexachloroethane	8.72	117	37140	24.035	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	84074	21.843	ng		98
20) 3+4-Methylphenols	8.43	107	115470	25.819	ng		97
22) Acetophenone	8.49	105	140702	23.330	ng		99
24) Nitrobenzene	8.87	77	118092	24.595	ng		96
25) Isophorone	9.39	82	208859	23.709	ng		99
26) 2-Nitrophenol	9.57	139	47403	23.818	ng		98
27) 2,4-Dimethylphenol	9.63	122	86241	29.147	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	126187	24.191	ng		99
29) 2,4-Dichlorophenol	10.10	162	89293	27.249	ng		96
30) 1,2,4-Trichlorobenzene	10.31	180	97194	26.304	ng		98
31) Naphthalene	10.50	128	291314	25.326	ng		99
32) Benzoic acid	9.72	122	43232m	17.253	ng		
33) 4-Chloroaniline	10.63	127	62489	13.253	ng		97
34) Hexachlorobutadiene	10.76	225	50710	23.915	ng		99
35) Caprolactam	11.45	113	31994m	27.408	ng		
36) 4-Chloro-3-methylphenol	11.75	107	107063	26.479	ng		100
37) 2-Methylnaphthalene	12.12	142	214003	25.603	ng		98
38) 1-Methylnaphthalene	12.34	142	207714	25.212	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	102240	25.129	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	93828	50.913	ng		98
43) 2,4,6-Trichlorophenol	12.74	196	74625	28.382	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	79223	28.178	ng		98
46) 1,1'-Biphenyl	13.14	154	281554	25.066	ng		99
47) 2-Chloronaphthalene	13.18	162	216774	25.855	ng		99
48) 2-Nitroaniline	13.41	65	69998	24.894	ng		99
49) Acenaphthylene	14.03	152	359956	25.391	ng		100
50) Dimethylphthalate	13.78	163	296158	26.917	ng		100
51) 2,6-Dinitrotoluene	13.91	165	62436	26.250	ng		99
52) Acenaphthene	14.38	154	209225	25.684	ng		99
53) 3-Nitroaniline	14.25	138	43058	17.093	ng		98
54) 2,4-Dinitrophenol	14.46	184	47768	34.582	ng		98
55) Dibenzofuran	14.72	168	345861	26.327	ng		99
56) 4-Nitrophenol	14.56	139	106425	51.744	ng		98
57) 2,4-Dinitrotoluene	14.70	165	85230	24.686	ng		99
58) Fluorene	15.37	166	279866	25.845	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	78625	30.039	ng		99
60) Diethylphthalate	15.14	149	304705	27.344	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	137267	26.100	ng		99
62) 4-Nitroaniline	15.42	138	56823	22.383	ng		95
63) Azobenzene	15.66	77	305674	26.068	ng		99
65) 4,6-Dinitro-2-methylphenol	15.46	198	35786	17.917	ng		94
66) n-Nitrosodiphenylamine	15.59	169	254357	26.213	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	83332	24.793	ng		98
68) Hexachlorobenzene	16.36	284	101956	25.514	ng		97
69) Atrazine	16.54	200	89360	27.357	ng		99
70) Pentachlorophenol	16.72	266	128253	53.271	ng		97
71) Phenanthrene	17.11	178	464148	25.981	ng		98
72) Anthracene	17.20	178	463726	26.515	ng		99
73) Carbazole	17.49	167	449943	27.258	ng		99
74) Di-n-butylphthalate	18.04	149	560056	28.058	ng		98
75) Fluoranthene	19.13	202	564361	27.530	ng		100
77) Benzidine	19.34	184	333292	30.245	ng		98
78) Pyrene	19.50	202	588279	23.929	ng		100
80) Butylbenzylphthalate	20.40	149	286570	26.762	ng		94
81) Benzo(a)anthracene	21.26	228	620848	25.469	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	137240	14.614	ng		97
83) Chrysene	21.31	228	623887	26.455	ng		98
84) Bis(2-ethylhexyl)phthalate	21.17	149	430388	27.627	ng		99
85) Di-n-octyl phthalate	22.06	149	787510	30.021	ng	#	87
86) Indeno(1,2,3-cd)pyrene	25.77	276	1028888	40.529	ng		100
88) Benzo(b)fluoranthene	22.83	252	758837	24.065	ng		100
89) Benzo(k)fluoranthene	22.88	252	731556	25.223	ng		99
90) Benzo(a)pyrene	23.41	252	747884	26.392	ng		99
91) Dibenzo(a,h)anthracene	25.79	278	882306	32.548	ng		100
92) Benzo(g,h,i)perylene	26.47	276	866612	34.821	ng		98

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

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