Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117641.D
Acq On : 31 Oct 2019 3:07
Operator : JU
Sample : PB124409BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB124409BSD

Quant Time: Oct 31 07:57:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	36533	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	146132	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	70016	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	97411	20.00	ng		0.00
76) Chrysene-d12	13.90	240	71734	20.00	ng		0.00
87) Perylene-d12	15.33	264	63816	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	181961	74.10	ng		0.01
7) Phenol-d6	6.39	99	245748	74.51	ng		0.00
23) Nitrobenzene-d5	7.30	82	218526	73.82	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	37902	62.56	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	377732	76.01	ng		0.00
79) Terphenyl-d14	12.83	244	297912	67.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	31406	30.419	ng	#	94
3) Pyridine	3.16	79	75748	29.970	ng		98
4) n-Nitrosodimethylamine	3.10	42	30362	33.113	ng		94
6) Aniline	6.39	93	93113	24.047	ng	#	84
8) 2-Chlorophenol	6.52	128	98141	37.874	ng		98
9) Benzaldehyde	6.28	77	55980	33.469	ng		96
10) Phenol	6.40	94	117735	34.975	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	95189	38.230	ng		98
12) 1,3-Dichlorobenzene	6.67	146	103372	35.748	ng		97
13) 1,4-Dichlorobenzene	6.75	146	106297	36.236	ng		96
14) 1,2-Dichlorobenzene	6.90	146	97154	35.136	ng		98
15) Benzyl Alcohol	6.89	79	85772	36.399	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	96225	35.824	ng	#	50
17) 2-Methylphenol	7.01	107	78906	37.016	ng		92
18) Hexachloroethane	7.23	117	32261	28.176	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	72490	35.988	ng		99
20) 3+4-Methylphenols	7.17	107	106223	38.007	ng	#	62
22) Acetophenone	7.15	105	144323	37.193	ng	#	93
24) Nitrobenzene	7.32	77	106120	37.430	ng		99
25) Isophorone	7.55	82	196146	38.305	ng		96
26) 2-Nitrophenol	7.63	139	40006	31.638	ng		95
27) 2,4-Dimethylphenol	7.68	122	84818	44.884	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	118334	37.451	ng		99
29) 2,4-Dichlorophenol	7.89	162	74764	37.720	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	78755	37.025	ng		99
31) Naphthalene	8.03	128	277798	38.352	ng		99
32) Benzoic acid	7.83	122	30658	23.686	ng		97
33) 4-Chloroaniline	8.10	127	60849	19.905	ng		96
34) Hexachlorobutadiene	8.15	225	42739	34.715	ng		97
35) Caprolactam	8.47	113	24726	38.833	ng		97
36) 4-Chloro-3-methylphenol	8.59	107	87451	38.686	ng		99
37) 2-Methylnaphthalene	8.72	142	186686	38.250	ng		99
38) 1-Methylnaphthalene	8.82	142	175462	38.258	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	69367	36.784	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	707	12.050	ng		91
43) 2,4,6-Trichlorophenol	9.02	196	45211	38.284	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	45924	38.376	ng	#	93
46) 1,1'-Biphenyl	9.19	154	218665	37.724	ng		97
47) 2-Chloronaphthalene	9.22	162	163525	37.417	ng		96
48) 2-Nitroaniline	9.32	65	57610	40.155	ng		88
49) Acenaphthylene	9.63	152	252890	39.395	ng		99
50) Dimethylphthalate	9.49	163	194159	38.899	ng		99
51) 2,6-Dinitrotoluene	9.56	165	37492	35.995	ng	#	82
52) Acenaphthene	9.80	154	148751	37.769	ng		97
53) 3-Nitroaniline	9.73	138	36451	28.843	ng		97
54) 2,4-Dinitrophenol	9.90	184	654	5.936	ng	#	63
55) Dibenzofuran	9.97	168	219506	38.469	ng		98
56) 4-Nitrophenol	9.97	139	125480	208.694	ng	#	13
57) 2,4-Dinitrotoluene	9.97	165	47376	34.211	ng		94
58) Fluorene	10.32	166	172215	36.497	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	30026	31.924	ng	#	93
60) Diethylphthalate	10.18	149	193129	38.254	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	78724	37.186	ng		96
62) 4-Nitroaniline	10.35	138	40179	33.730	ng		96
63) Azobenzene	10.46	77	196229	37.968	ng		99
65) 4,6-Dinitro-2-methylphenol	10.40	198	2995	6.047	ng		84
66) n-Nitrosodiphenylamine	10.42	169	153398	43.076	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	41466	39.520	ng		99
68) Hexachlorobenzene	10.87	284	42542	37.860	ng		95
69) Atrazine	10.95	200	44818	49.466	ng		96
70) Pentachlorophenol	11.08	266	16300	48.389	ng		98
71) Phenanthrene	11.27	178	217825	38.510	ng		99
72) Anthracene	11.33	178	231078	39.816	ng		99
73) Carbazole	11.49	167	209158	39.435	ng		99
74) Di-n-butylphthalate	11.80	149	283841	40.052	ng		98
75) Fluoranthene	12.47	202	212747	37.572	ng		98
77) Benzidine	12.59	184	169105	Below Cal			98
78) Pyrene	12.70	202	219917	35.692	ng		99
80) Butylbenzylphthalate	13.30	149	105793	34.504	ng		98
81) Benzo(a)anthracene	13.89	228	190870	39.446	ng		97
82) 3,3'-Dichlorobenzidine	13.84	252	67725	44.604	ng		99
83) Chrysene	13.93	228	183263	38.645	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	153566	35.754	ng	#	95
85) Di-n-octyl phthalate	14.47	149	269745	40.848	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	110828	31.302	ng		99
88) Benzo(b)fluoranthene	14.92	252	164376	43.619	ng		97
89) Benzo(k)fluoranthene	14.95	252	143924	37.263	ng		98
90) Benzo(a)pyrene	15.28	252	129771	37.875	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	94352	31.848	ng		96
92) Benzo(g,h,i)perylene	17.19	276	86876	30.992	ng	#	94

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

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