Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113234.D
Acq On : 22 Mar 2019 15:00
Operator : JU/SJ
Sample : K2040-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4B(2-10)MSD

Manual Integrations APPROVED
Sohil
3/25/2019 6:32:06 PM

Quant Time: Mar 23 00:04:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150062	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	570108	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	249859	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	513981	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	404058	20.00	ng		0.00
87) Perylene-d12	15.27	264	411291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	920125	95.38	ng		0.00
7) Phenol-d6	6.37	99	1182961	97.62	ng		0.00
23) Nitrobenzene-d5	7.28	82	723647	75.95	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	347245	130.91	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1220454	79.58	ng		-0.02
79) Terphenyl-d14	12.82	244	1456960	69.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	121668	25.160	ng		97
3) Pyridine	3.12	79	328658	25.404	ng		100
4) n-Nitrosodimethylamine	3.04	42	159738	28.226	ng		99
6) Aniline	6.37	93	349349	20.944	ng	#	44
8) 2-Chlorophenol	6.50	128	353706	32.938	ng		98
9) Benzaldehyde	6.26	77	95339	10.919	ng		99
10) Phenol	6.38	94	455389	32.203	ng		86
11) bis(2-Chloroethyl)ether	6.45	93	341746	31.486	ng		97
12) 1,3-Dichlorobenzene	6.66	146	385452	34.746	ng		97
13) 1,4-Dichlorobenzene	6.73	146	385867	34.684	ng		98
14) 1,2-Dichlorobenzene	6.89	146	359231	35.224	ng		97
15) Benzyl Alcohol	6.86	79	295935	32.026	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	541238	29.880	ng		91
17) 2-Methylphenol	6.99	107	287378	32.987	ng		95
18) Hexachloroethane	7.23	117	137217	32.199	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	248689	32.403	ng		99
20) 3+4-Methylphenols	7.14	107	367870	37.402	ng	#	65
22) Acetophenone	7.13	105	491979	36.906	ng	#	89
24) Nitrobenzene	7.30	77	373259	35.199	ng		98
25) Isophorone	7.54	82	690231	33.628	ng		99
26) 2-Nitrophenol	7.62	139	197161	44.664	ng		100
27) 2,4-Dimethylphenol	7.66	122	316579	38.549	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	440183	34.301	ng		99
29) 2,4-Dichlorophenol	7.86	162	317513	39.869	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	333175	38.935	ng		97
31) Naphthalene	8.02	128	1049575	37.081	ng		99
32) Benzoic acid	7.76	122	50368	8.751	ng		96
33) 4-Chloroaniline	8.07	127	246622	20.572	ng		99
34) Hexachlorobutadiene	8.14	225	196850	40.790	ng		98
35) Caprolactam	8.44	113	92626m	33.023	ng		
36) 4-Chloro-3-methylphenol	8.57	107	317942	36.074	ng		95
37) 2-Methylnaphthalene	8.71	142	695891	38.071	ng		99
38) 1-Methylnaphthalene	8.81	142	607917	34.333	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	309901	42.533	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	307579	77.090	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	208147	41.509	ng		97
44) 2,4,5-Trichlorophenol	9.04	196	217459	40.121	ng		100
46) 1,1'-Biphenyl	9.17	154	745915	36.601	ng		98
47) 2-Chloronaphthalene	9.20	162	568045	35.696	ng		99
48) 2-Nitroaniline	9.29	65	180453	37.307	ng		98
49) Acenaphthylene	9.61	152	934168	34.579	ng		99
50) Dimethylphthalate	9.48	163	761562	41.337	ng		99
51) 2,6-Dinitrotoluene	9.54	165	152893	39.852	ng	#	78
52) Acenaphthene	9.79	154	532024	33.676	ng		98
53) 3-Nitroaniline	9.70	138	129370	27.674	ng		93
54) 2,4-Dinitrophenol	9.82	184	117621	75.359	ng		97
55) Dibenzofuran	9.96	168	826916	36.013	ng		97
56) 4-Nitrophenol	9.89	139	232227	61.123	ng		96
57) 2,4-Dinitrotoluene	9.95	165	201073	42.164	ng		86
58) Fluorene	10.30	166	629735	38.642	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	184626	40.885	ng		95
60) Diethylphthalate	10.17	149	700031	35.977	ng		100
61) 4-Chlorophenyl-phenylether	10.29	204	316524	41.745	ng		92
62) 4-Nitroaniline	10.32	138	167043	38.669	ng		99
63) Azobenzene	10.45	77	641000	32.162	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	93702	44.718	ng	#	73
66) n-Nitrosodiphenylamine	10.41	169	575847	34.934	ng		99
67) 4-Bromophenyl-phenylether	10.78	248	210720	38.923	ng	#	90
68) Hexachlorobenzene	10.85	284	240921	39.478	ng	#	91
69) Atrazine	10.94	200	190933	37.820	ng		98
70) Pentachlorophenol	11.04	266	234234	65.212	ng		97
71) Phenanthrene	11.26	178	950845	37.182	ng		99
72) Anthracene	11.31	178	983376	36.736	ng		99
73) Carbazole	11.46	167	916657	35.103	ng		99
74) Di-n-butylphthalate	11.80	149	1166879	37.267	ng		99
75) Fluoranthene	12.44	202	1069669	39.042	ng		97
77) Benzidine	12.56	184	381869	18.216	ng		98
78) Pyrene	12.67	202	1080566	31.723	ng		100
80) Butylbenzylphthalate	13.29	149	503986	33.519	ng		94
81) Benzo(a)anthracene	13.86	228	837020	29.889	ng		98
82) 3,3'-Dichlorobenzidine	13.82	252	250190	23.622	ng	#	98
83) Chrysene	13.89	228	863140	31.466	ng		99
84) Bis(2-ethylhexyl)phthalate	13.85	149	692719	39.279	ng		99
85) Di-n-octyl phthalate	14.46	149	1280824	42.295	ng		96
86) Indeno(1,2,3-cd)pyrene	16.64	276	1026585	43.898	ng		95
88) Benzo(b)fluoranthene	14.87	252	872684	32.803	ng		97
89) Benzo(k)fluoranthene	14.90	252	815500m	33.842	ng		
90) Benzo(a)pyrene	15.22	252	852166	36.214	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	853649	42.513	ng		96
92) Benzo(g,h,i)perylene	17.05	276	927523	46.002	ng		96

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

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