Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
Data File : BF113648.D
Acq On : 8 Apr 2019 19:28
Operator : JU/SJ
Sample : K2309-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-040519MSD

Manual Integrations APPROVED
Sohil
4/9/2019 10:15:57 AM

Quant Time: Apr 09 01:42:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	126207	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	478251	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	236451	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	443610	20.00	ng		0.00
76) Chrysene-d12	13.83	240	302085	20.00	ng		-0.01
87) Perylene-d12	15.24	264	311806	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	721106	97.43	ng		0.00
7) Phenol-d6	6.34	99	911240	99.89	ng		0.00
23) Nitrobenzene-d5	7.25	82	553444	67.78	ng		-0.01
42) 2,4,6-Tribromophenol	10.51	330	282342	99.40	ng		0.00
45) 2-Fluorobiphenyl	9.04	172	977372	66.54	ng		-0.01
79) Terphenyl-d14	12.77	244	924563	62.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	96855	27.630	ng		96
3) Pyridine	3.07	79	245451	26.756	ng		99
4) n-Nitrosodimethylamine	2.99	42	110986	28.475	ng		92
6) Aniline	6.35	93	190294	17.210	ng	#	85
8) 2-Chlorophenol	6.47	128	275565	32.181	ng		99
9) Benzaldehyde	6.23	77	127794	23.561	ng		99
10) Phenol	6.35	94	335707	32.223	ng	#	76
11) bis(2-Chloroethyl)ether	6.42	93	252689	31.180	ng		98
12) 1,3-Dichlorobenzene	6.62	146	282751	30.662	ng		98
13) 1,4-Dichlorobenzene	6.70	146	293196	31.463	ng		99
14) 1,2-Dichlorobenzene	6.85	146	273733	32.543	ng		98
15) Benzyl Alcohol	6.83	79	195601	31.713	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	398573	31.596	ng		72
17) 2-Methylphenol	6.96	107	228396	34.417	ng	#	91
18) Hexachloroethane	7.19	117	102477	30.212	ng		100
19) n-Nitroso-di-n-propylamine	7.10	70	189647	33.715	ng		98
20) 3+4-Methylphenols	7.12	107	301347	37.478	ng		91
22) Acetophenone	7.09	105	370849	35.306	ng		98
24) Nitrobenzene	7.26	77	276842	32.925	ng		94
25) Isophorone	7.51	82	520590	33.099	ng		99
26) 2-Nitrophenol	7.59	139	149957	33.137	ng		94
27) 2,4-Dimethylphenol	7.63	122	251624	38.894	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	330629	33.250	ng		99
29) 2,4-Dichlorophenol	7.84	162	244720	35.354	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	248739	33.090	ng		96
31) Naphthalene	7.99	128	800059	34.526	ng		99
32) Benzoic acid	7.75	122	33136	6.614	ng		98
33) 4-Chloroaniline	8.05	127	107137	11.660	ng		97
34) Hexachlorobutadiene	8.10	225	147635	32.214	ng		99
35) Caprolactam	8.40	113	74377m	33.849	ng		
36) 4-Chloro-3-methylphenol	8.54	107	245712	35.361	ng		97
37) 2-Methylnaphthalene	8.67	142	541099	35.504	ng		98
38) 1-Methylnaphthalene	8.77	142	505448	34.394	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	254641	33.299	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	110927	47.905	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	170111	35.242	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	180335	34.799	ng		98
46) 1,1'-Biphenyl	9.14	154	660871	33.871	ng		99
47) 2-Chloronaphthalene	9.16	162	498812	33.765	ng		99
48) 2-Nitroaniline	9.27	65	157136	34.762	ng		95
49) Acenaphthylene	9.57	152	800791	33.335	ng		100
50) Dimethylphthalate	9.44	163	657418	37.718	ng		100
51) 2,6-Dinitrotoluene	9.51	165	132405	34.463	ng		91
52) Acenaphthene	9.75	154	463047	33.673	ng		99
53) 3-Nitroaniline	9.67	138	101084	23.141	ng		91
54) 2,4-Dinitrophenol	9.80	184	32845	18.273	ng		94
55) Dibenzofuran	9.92	168	692265	34.319	ng		98
56) 4-Nitrophenol	9.87	139	148207	54.696	ng		99
57) 2,4-Dinitrotoluene	9.92	165	161456	34.747	ng		94
58) Fluorene	10.26	166	535772	33.582	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	150715	33.599	ng		98
60) Diethylphthalate	10.14	149	583498	34.723	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	276570	35.244	ng		96
62) 4-Nitroaniline	10.29	138	129478	29.149	ng		99
63) Azobenzene	10.42	77	523252	32.885	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	31861	13.643	ng		80
66) n-Nitrosodiphenylamine	10.37	169	489839	35.968	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	171971	34.565	ng		99
68) Hexachlorobenzene	10.82	284	194718	34.156	ng	#	93
69) Atrazine	10.90	200	155163	36.148	ng		97
70) Pentachlorophenol	11.02	266	149934	55.815	ng		98
71) Phenanthrene	11.22	178	789326	35.808	ng		100
72) Anthracene	11.27	178	790797	35.260	ng		99
73) Carbazole	11.43	167	717631	34.212	ng		99
74) Di-n-butylphthalate	11.76	149	892640	35.773	ng		100
75) Fluoranthene	12.41	202	853146	36.118	ng		99
77) Benzidine	12.53	184	165993	14.777	ng		98
78) Pyrene	12.63	202	841813	36.624	ng		100
80) Butylbenzylphthalate	13.24	149	336468	35.961	ng		98
81) Benzo(a)anthracene	13.82	228	611954	35.117	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	121150	18.050	ng		100
83) Chrysene	13.86	228	607252	34.376	ng		100
84) Bis(2-ethylhexyl)phthalate	13.81	149	469627	41.514	ng		99
85) Di-n-octyl phthalate	14.42	149	737162	40.089	ng		99
86) Indeno(1,2,3-cd)pyrene	16.61	276	673017	41.265	ng		99
88) Benzo(b)fluoranthene	14.84	252	692853	36.301	ng		99
89) Benzo(k)fluoranthene	14.87	252	527314	30.784	ng		99
90) Benzo(a)pyrene	15.18	252	600680	35.417	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	561100	35.378	ng		99
92) Benzo(g,h,i)perylene	17.01	276	551295	34.055	ng		100

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

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