Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113702.D
Acq On : 10 Apr 2019 17:57
Operator : JU/SJ
Sample : K2200-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-040919-AMSD

Manual Integrations APPROVED
Sohil
4/11/2019 2:39:44 PM

Quant Time: Apr 11 03:29:35 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	121154	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	451222	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	211782	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	377691	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	283544	20.00	ng		-0.02
87) Perylene-d12	15.23	264	286575	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	838463	118.01	ng		0.01
7) Phenol-d6	6.34	99	985389	112.53	ng		0.00
23) Nitrobenzene-d5	7.25	82	711168	92.32	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	331617	130.35	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1282954	97.53	ng		-0.01
79) Terphenyl-d14	12.77	244	1176918	84.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	115468	34.314	ng	#	84
3) Pyridine	3.16	79	238098	27.037	ng		98
4) n-Nitrosodimethylamine	3.06	42	141089	37.708	ng		98
6) Aniline	6.35	93	69359	6.534	ng	#	1
8) 2-Chlorophenol	6.47	128	333730	40.599	ng		97
9) Benzaldehyde	6.23	77	146697	28.174	ng		99
10) Phenol	6.35	94	335976	33.594	ng	#	77
11) bis(2-Chloroethyl)ether	6.42	93	323483	41.580	ng		97
12) 1,3-Dichlorobenzene	6.62	146	334712	37.810	ng		97
13) 1,4-Dichlorobenzene	6.70	146	345024	38.568	ng		98
14) 1,2-Dichlorobenzene	6.85	146	322358	39.922	ng		97
15) Benzyl Alcohol	6.84	79	259885	43.893	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	481938	39.799	ng		56
17) 2-Methylphenol	6.96	107	267579	42.004	ng	#	89
18) Hexachloroethane	7.19	117	115463	35.460	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	233556	43.253	ng		99
20) 3+4-Methylphenols	7.12	107	345684	44.785	ng		91
22) Acetophenone	7.09	105	467292	47.152	ng	#	97
24) Nitrobenzene	7.27	77	354095	44.635	ng		98
25) Isophorone	7.51	82	637674	42.972	ng		100
26) 2-Nitrophenol	7.59	139	185946	43.551	ng		93
27) 2,4-Dimethylphenol	7.63	122	309639	50.728	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	409494	43.648	ng		100
29) 2,4-Dichlorophenol	7.84	162	302407	46.305	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	306055	43.154	ng		99
31) Naphthalene	7.98	128	988794	45.227	ng		100
32) Benzoic acid	7.79	122	112254	23.750	ng		96
33) 4-Chloroaniline	8.06	127	36944	4.262	ng		97
34) Hexachlorobutadiene	8.10	225	176605	40.844	ng		99
35) Caprolactam	8.42	113	65589m	31.638	ng		
36) 4-Chloro-3-methylphenol	8.55	107	295215	45.030	ng		97
37) 2-Methylnaphthalene	8.67	142	663390	46.136	ng		99
38) 1-Methylnaphthalene	8.77	142	619804	44.702	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	314550	45.925	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	56771	33.096	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	204725	47.353	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	217947	46.956	ng		98
46) 1,1'-Biphenyl	9.14	154	810590	46.383	ng		98
47) 2-Chloronaphthalene	9.16	162	611350	46.203	ng		98
48) 2-Nitroaniline	9.27	65	194292	47.988	ng		98
49) Acenaphthylene	9.57	152	968531	45.014	ng		99
50) Dimethylphthalate	9.44	163	721545	46.220	ng		100
51) 2,6-Dinitrotoluene	9.51	165	159610	46.383	ng		94
52) Acenaphthene	9.75	154	574387	46.636	ng		99
53) 3-Nitroaniline	9.68	138	32520	8.312	ng		90
54) 2,4-Dinitrophenol	9.80	184	63851	39.661	ng		93
55) Dibenzofuran	9.92	168	846343	46.845	ng		99
56) 4-Nitrophenol	9.87	139	149380	61.551	ng		94
57) 2,4-Dinitrotoluene	9.92	165	195916	47.075	ng		98
58) Fluorene	10.26	166	669902	46.880	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	193731	48.219	ng		97
60) Diethylphthalate	10.14	149	701644	46.617	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	330243	46.986	ng		93
62) 4-Nitroaniline	10.29	138	133852	33.644	ng		98
63) Azobenzene	10.41	77	640575	44.949	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	45421	22.843	ng		93
66) n-Nitrosodiphenylamine	10.37	169	611364	52.727	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	208801	49.292	ng		94
68) Hexachlorobenzene	10.82	284	230166	47.421	ng		100
69) Atrazine	10.90	200	179852	49.212	ng		96
70) Pentachlorophenol	11.02	266	182203	79.666	ng		98
71) Phenanthrene	11.22	178	897217	47.806	ng		100
72) Anthracene	11.27	178	926897	48.542	ng		99
73) Carbazole	11.43	167	840100	47.041	ng		99
74) Di-n-butylphthalate	11.75	149	1020877	48.053	ng		99
75) Fluoranthene	12.40	202	872192	43.369	ng		98
77) Benzidine	12.53	184	158169	15.001	ng		97
78) Pyrene	12.63	202	881696	40.867	ng		99
80) Butylbenzylphthalate	13.24	149	361567	41.171	ng		94
81) Benzo(a)anthracene	13.82	228	746247	45.624	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	129244	20.515	ng		97
83) Chrysene	13.85	228	772001	46.560	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	468189	44.094	ng	#	97
85) Di-n-octyl phthalate	14.41	149	847655	49.112	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	658984	43.046	ng		99
88) Benzo(b)fluoranthene	14.84	252	813420	46.370	ng		99
89) Benzo(k)fluoranthene	14.86	252	765830	48.644	ng		98
90) Benzo(a)pyrene	15.18	252	755983	48.498	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	568166	38.977	ng		99
92) Benzo(g,h,i)perylene	17.00	276	531908	35.750	ng		99

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

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