Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113330.D
Acq On : 27 Mar 2019 14:53
Operator : JU/SJ
Sample : K2102-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Manual Integrations APPROVED
Sohil
3/28/2019 8:41:48 AM

Quant Time: Mar 28 03:51:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169527	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	636631	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	307670	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	619683	20.00	ng		0.00
76) Chrysene-d12	13.84	240	376015	20.00	ng		0.00
87) Perylene-d12	15.24	264	408874	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1259001	121.43	ng		0.01
7) Phenol-d6	6.36	99	1617326	123.31	ng		0.00
23) Nitrobenzene-d5	7.27	82	1002622	93.48	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	453975	119.45	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1545863	77.11	ng		0.00
79) Terphenyl-d14	12.79	244	1602327	93.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	198988	37.828	ng		97
3) Pyridine	3.12	79	524620	40.455	ng		97
4) n-Nitrosodimethylamine	3.05	42	235889	40.918	ng		90
6) Aniline	6.37	93	432705	27.091	ng	#	58
8) 2-Chlorophenol	6.49	128	486691	40.424	ng		99
9) Benzaldehyde	6.25	77	114440	13.003	ng		99
10) Phenol	6.37	94	640607	42.782	ng		86
11) bis(2-Chloroethyl)ether	6.45	93	470404	40.984	ng		98
12) 1,3-Dichlorobenzene	6.65	146	511469	39.410	ng		99
13) 1,4-Dichlorobenzene	6.72	146	520769	41.559	ng		98
14) 1,2-Dichlorobenzene	6.87	146	486855	39.493	ng		99
15) Benzyl Alcohol	6.85	79	386555	44.674	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	725350	42.067	ng		99
17) 2-Methylphenol	6.97	107	412262	43.693	ng		98
18) Hexachloroethane	7.22	117	183502	40.772	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	328206	39.838	ng		98
20) 3+4-Methylphenols	7.13	107	505389	46.958	ng		97
22) Acetophenone	7.12	105	660942	45.524	ng		98
24) Nitrobenzene	7.29	77	518715	46.344	ng		96
25) Isophorone	7.53	82	943355	45.383	ng		97
26) 2-Nitrophenol	7.60	139	275567	46.578	ng		96
27) 2,4-Dimethylphenol	7.65	122	453090	53.239	ng		100
28) bis(2-Chloroethoxy)methane	7.74	93	601914	45.983	ng		99
29) 2,4-Dichlorophenol	7.85	162	432453	46.891	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	447941	45.018	ng		97
31) Naphthalene	8.01	128	1399587	44.987	ng		100
32) Benzoic acid	7.73	122	18296m	2.671	ng		
33) 4-Chloroaniline	8.06	127	331673	27.340	ng		99
34) Hexachlorobutadiene	8.13	225	254822	43.089	ng		98
35) Caprolactam	8.43	113	134555m	45.459	ng		
36) 4-Chloro-3-methylphenol	8.56	107	442683	47.723	ng		99
37) 2-Methylnaphthalene	8.70	142	938843	48.364	ng		99
38) 1-Methylnaphthalene	8.80	142	880868	47.177	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	433120	43.855	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	339397	81.189	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	293314	45.607	ng		98
44) 2,4,5-Trichlorophenol	9.03	196	312674	43.931	ng		99
46) 1,1'-Biphenyl	9.16	154	1127420	43.875	ng		99
47) 2-Chloronaphthalene	9.19	162	873750	44.162	ng		99
48) 2-Nitroaniline	9.29	65	292696	47.142	ng		94
49) Acenaphthylene	9.60	152	1416940	44.293	ng		99
50) Dimethylphthalate	9.47	163	1179802	51.744	ng		100
51) 2,6-Dinitrotoluene	9.53	165	234447	45.579	ng		95
52) Acenaphthene	9.77	154	805862	44.732	ng		99
53) 3-Nitroaniline	9.69	138	211854	36.522	ng		93
54) 2,4-Dinitrophenol	9.81	184	52324	20.452	ng	#	88
55) Dibenzofuran	9.94	168	1219207	45.017	ng		99
56) 4-Nitrophenol	9.87	139	318777	77.082	ng		91
57) 2,4-Dinitrotoluene	9.93	165	304683	46.578	ng		96
58) Fluorene	10.28	166	925082	43.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	247183	41.068	ng		98
60) Diethylphthalate	10.16	149	1003201	44.851	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	456311	44.500	ng		95
62) 4-Nitroaniline	10.31	138	274384	45.942	ng		97
63) Azobenzene	10.43	77	940883	44.687	ng		97
65) 4,6-Dinitro-2-methylphenol	10.34	198	77096	22.743	ng		89
66) n-Nitrosodiphenylamine	10.39	169	868652	45.682	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	301109	44.582	ng		95
68) Hexachlorobenzene	10.83	284	353130	45.044	ng		96
69) Atrazine	10.92	200	278226	46.356	ng		95
70) Pentachlorophenol	11.03	266	229934	56.294	ng		98
71) Phenanthrene	11.24	178	1365808	44.383	ng		100
72) Anthracene	11.29	178	1431189	45.786	ng		99
73) Carbazole	11.44	167	1337137	44.830	ng		99
74) Di-n-butylphthalate	11.78	149	1519559	43.933	ng		100
75) Fluoranthene	12.42	202	1400365	40.253	ng		100
77) Benzidine	12.54	184	469957	32.637	ng		96
78) Pyrene	12.64	202	1395491	53.556	ng		100
80) Butylbenzylphthalate	13.26	149	563746	49.092	ng		98
81) Benzo(a)anthracene	13.83	228	947333	44.013	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	291409	33.749	ng		99
83) Chrysene	13.87	228	1003420	45.898	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	659486	46.847	ng		98
85) Di-n-octyl phthalate	14.43	149	1078767	45.145	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1281601	68.306	ng		98
88) Benzo(b)fluoranthene	14.84	252	997122	39.258	ng		99
89) Benzo(k)fluoranthene	14.87	252	1005877	45.096	ng		99
90) Benzo(a)pyrene	15.19	252	1019104	45.259	ng		100
91) Dibenzo(a,h)anthracene	16.61	278	1063560	54.626	ng		100
92) Benzo(g,h,i)perylene	17.00	276	1098558	55.960	ng		99

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

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