Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114999.D
Acq On : 13 Jun 2019 13:24
Operator : HP/JU
Sample : K3294-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1(5-10)MSD

Quant Time: Jun 13 18:26:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	273654	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1040648	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	463680	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	734894	20.00	ng		0.00
76) Chrysene-d12	13.77	240	428287	20.00	ng		0.00
87) Perylene-d12	15.15	264	523922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1854223	113.14	ng		0.01
7) Phenol-d6	6.30	99	2373653	120.07	ng		0.00
23) Nitrobenzene-d5	7.22	82	1487571	86.04	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	524547	105.64	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2557896	93.50	ng		0.00
79) Terphenyl-d14	12.73	244	1943559	85.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	250552	32.661	ng		99
3) Pyridine	3.01	79	700679	32.442	ng		99
4) n-Nitrosodimethylamine	2.96	42	292403	38.134	ng		98
6) Aniline	6.32	93	589037	22.249	ng	#	9
8) 2-Chlorophenol	6.44	128	722344	38.871	ng		99
9) Benzaldehyde	6.19	77	160147	8.864	ng		96
10) Phenol	6.32	94	837195	37.851	ng		82
11) bis(2-Chloroethyl)ether	6.39	93	691652	40.289	ng		99
12) 1,3-Dichlorobenzene	6.59	146	813055	37.458	ng		98
13) 1,4-Dichlorobenzene	6.67	146	828240	37.955	ng		99
14) 1,2-Dichlorobenzene	6.82	146	764826	37.228	ng		99
15) Benzyl Alcohol	6.80	79	577412	38.983	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	886244	38.571	ng		96
17) 2-Methylphenol	6.92	107	619448	39.964	ng		99
18) Hexachloroethane	7.16	117	277873	35.260	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	474458	39.501	ng		97
20) 3+4-Methylphenols	7.07	107	729191	39.528	ng		93
22) Acetophenone	7.06	105	1010507	42.896	ng	#	96
24) Nitrobenzene	7.23	77	730972	41.555	ng		95
25) Isophorone	7.47	82	1350924	41.720	ng		100
26) 2-Nitrophenol	7.55	139	363702	37.095	ng		97
27) 2,4-Dimethylphenol	7.60	122	659963	46.660	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	860652	41.428	ng		100
29) 2,4-Dichlorophenol	7.80	162	606692	40.603	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	701905	40.654	ng		98
31) Naphthalene	7.96	128	2072949	42.101	ng		99
32) Benzoic acid	7.60	122	659963	64.488	ng	#	16
33) 4-Chloroaniline	8.00	127	487552	21.451	ng		97
34) Hexachlorobutadiene	8.08	225	377533	39.340	ng		100
35) Caprolactam	8.37	113	190131	38.205	ng		95
36) 4-Chloro-3-methylphenol	8.50	107	631501	41.938	ng		100
37) 2-Methylnaphthalene	8.65	142	1371684	41.769	ng		99
38) 1-Methylnaphthalene	8.74	142	1311834	42.265	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	614598	44.865	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	297442	44.064	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	315998	30.884	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	408325	39.489	ng		97
46) 1,1'-Biphenyl	9.11	154	1604391	43.179	ng		98
47) 2-Chloronaphthalene	9.13	162	1288433	42.881	ng		100
48) 2-Nitroaniline	9.23	65	365500	41.155	ng		93
49) Acenaphthylene	9.54	152	1939554	41.984	ng		99
50) Dimethylphthalate	9.42	163	2250795	64.547	ng		100
51) 2,6-Dinitrotoluene	9.47	165	343480	43.424	ng	#	87
52) Acenaphthene	9.72	154	1106445	41.862	ng		99
53) 3-Nitroaniline	9.63	138	307462	31.725	ng		99
54) 2,4-Dinitrophenol	9.75	184	590	0.154	ng	#	44
55) Dibenzofuran	9.88	168	1654186	41.526	ng		100
56) 4-Nitrophenol	9.80	139	178803	26.754	ng		97
57) 2,4-Dinitrotoluene	9.87	165	417887	41.507	ng		99
58) Fluorene	10.22	166	1143967	42.600	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	187104	22.401	ng		99
60) Diethylphthalate	10.10	149	1438278	43.137	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	581983	44.067	ng		99
62) 4-Nitroaniline	10.24	138	340707	34.965	ng		99
63) Azobenzene	10.37	77	1203410	41.256	ng		99
66) n-Nitrosodiphenylamine	10.34	169	1118119	50.899	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	374012	47.400	ng		96
68) Hexachlorobenzene	10.77	284	377488	43.454	ng	#	92
69) Atrazine	10.86	200	351779	49.668	ng		99
70) Pentachlorophenol	10.96	266	115909	24.569	ng		99
71) Phenanthrene	11.17	178	1594294	42.017	ng		99
72) Anthracene	11.23	178	1647708	43.045	ng		99
73) Carbazole	11.38	167	1409080	42.174	ng		98
74) Di-n-butylphthalate	11.72	149	1841824	43.727	ng		99
75) Fluoranthene	12.36	202	1403128	36.164	ng		99
77) Benzidine	12.48	184	727316	41.985	ng		97
78) Pyrene	12.58	202	1412397	36.200	ng		99
80) Butylbenzylphthalate	13.21	149	651063	35.726	ng		99
81) Benzo(a)anthracene	13.76	228	1283676	40.053	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	447411	36.412	ng	#	98
83) Chrysene	13.80	228	1290382	40.488	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	828482	38.465	ng		99
85) Di-n-octyl phthalate	14.38	149	1517942	40.926	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1215633	43.423	ng		99
88) Benzo(b)fluoranthene	14.77	252	1367583	39.266	ng		99
89) Benzo(k)fluoranthene	14.80	252	1352444	44.241	ng		98
90) Benzo(a)pyrene	15.10	252	1311000	43.622	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1031587	39.858	ng		99
92) Benzo(g,h,i)perylene	16.84	276	979184	37.097	ng		99

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

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