Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114020.D
Acq On : 29 Apr 2019 13:12
Operator : JU/SJ
Sample : K2571-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTONMSD

Manual Integrations APPROVED
Sohil
4/30/2019 6:42:15 PM

Quant Time: Apr 30 04:56:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91243	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	344892	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	174360	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	303592	20.00	ng		0.00
76) Chrysene-d12	14.06	240	206125	20.00	ng		-0.01
87) Perylene-d12	15.56	264	244254	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	596520	111.82	ng		0.00
7) Phenol-d6	6.52	99	782097	116.85	ng		0.00
23) Nitrobenzene-d5	7.45	82	470207	84.18	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	229507	108.05	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	942686	84.56	ng		-0.01
79) Terphenyl-d14	12.99	244	879616	87.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	86901	34.557	ng		96
3) Pyridine	3.49	79	221717	32.301	ng		96
4) n-Nitrosodimethylamine	3.42	42	81468	34.672	ng	#	98
6) Aniline	6.55	93	233989	25.459	ng		97
8) 2-Chlorophenol	6.68	128	232422	38.160	ng		98
9) Benzaldehyde	6.44	77	55804	10.125	ng		91
10) Phenol	6.53	94	303340	37.901	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	227894	37.840	ng		96
12) 1,3-Dichlorobenzene	6.84	146	264740	38.379	ng		97
13) 1,4-Dichlorobenzene	6.91	146	269900	38.901	ng		98
14) 1,2-Dichlorobenzene	7.07	146	252105	39.537	ng		97
15) Benzyl Alcohol	7.03	79	192910	42.795	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	254301	36.171	ng		91
17) 2-Methylphenol	7.15	107	200538	37.562	ng		99
18) Hexachloroethane	7.41	117	92517	38.039	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	163870	37.807	ng		97
20) 3+4-Methylphenols	7.29	107	237844	39.431	ng	#	81
22) Acetophenone	7.30	105	326988	42.604	ng	#	96
24) Nitrobenzene	7.47	77	253236	41.029	ng		99
25) Isophorone	7.71	82	450484	39.414	ng		100
26) 2-Nitrophenol	7.79	139	123818	43.973	ng		93
27) 2,4-Dimethylphenol	7.82	122	201983	44.028	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	290127	39.836	ng		99
29) 2,4-Dichlorophenol	8.03	162	214401	40.869	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	237406	40.586	ng		99
31) Naphthalene	8.20	128	682886	41.679	ng		99
32) Benzoic acid	7.90	122	41260	13.318	ng		95
33) 4-Chloroaniline	8.24	127	150339	21.685	ng		95
34) Hexachlorobutadiene	8.32	225	143819	39.441	ng		97
35) Caprolactam	8.59	113	52642m	31.544	ng		
36) 4-Chloro-3-methylphenol	8.72	107	208428	40.102	ng		97
37) 2-Methylnaphthalene	8.89	142	465766	42.156	ng		99
38) 1-Methylnaphthalene	8.99	142	432115	40.522	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	237295	41.897	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	243108	76.973	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	154775	43.035	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	166022	41.156	ng		95
46) 1,1'-Biphenyl	9.35	154	577416	43.350	ng		99
47) 2-Chloronaphthalene	9.37	162	460614	42.524	ng		99
48) 2-Nitroaniline	9.46	65	125303	44.128	ng		89
49) Acenaphthylene	9.79	152	698759	41.206	ng		98
50) Dimethylphthalate	9.65	163	630607	50.008	ng		99
51) 2,6-Dinitrotoluene	9.70	165	120635	44.592	ng		98
52) Acenaphthene	9.96	154	424758	42.384	ng		98
53) 3-Nitroaniline	9.87	138	92952	32.697	ng		96
54) 2,4-Dinitrophenol	9.97	184	53840	49.535	ng	#	5
55) Dibenzofuran	10.13	168	626917	41.762	ng		99
56) 4-Nitrophenol	10.03	139	164487	73.077	ng		92
57) 2,4-Dinitrotoluene	10.10	165	152666	44.708	ng		96
58) Fluorene	10.47	166	462635	40.934	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	133543	37.671	ng		98
60) Diethylphthalate	10.34	149	497329	41.531	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	246146	41.124	ng		97
62) 4-Nitroaniline	10.48	138	105550	38.047	ng		96
63) Azobenzene	10.62	77	451488	38.902	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	46074	35.378	ng		95
66) n-Nitrosodiphenylamine	10.58	169	417966	45.883	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	151759	41.379	ng		96
68) Hexachlorobenzene	11.03	284	162888	40.417	ng		99
69) Atrazine	11.10	200	129321	43.641	ng		97
70) Pentachlorophenol	11.22	266	149443	65.492	ng		97
71) Phenanthrene	11.44	178	651512	42.702	ng		99
72) Anthracene	11.49	178	660286	42.855	ng		100
73) Carbazole	11.64	167	560940	40.809	ng		100
74) Di-n-butylphthalate	11.97	149	700724	43.337	ng		99
75) Fluoranthene	12.63	202	647702	38.910	ng		97
77) Benzidine	12.74	184	148403	24.163	ng		95
78) Pyrene	12.85	202	631563	43.814	ng		99
80) Butylbenzylphthalate	13.46	149	261572	46.121	ng		98
81) Benzo(a)anthracene	14.04	228	532388	43.838	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	72766	16.347	ng		99
83) Chrysene	14.08	228	539457	45.610	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	371089	51.427	ng		99
85) Di-n-octyl phthalate	14.67	149	610034	54.012	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	731571	65.299	ng		99
88) Benzo(b)fluoranthene	15.12	252	618192	40.003	ng		99
89) Benzo(k)fluoranthene	15.15	252	531677	39.997	ng		99
90) Benzo(a)pyrene	15.49	252	574277	42.963	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	615135	49.024	ng		99
92) Benzo(g,h,i)perylene	17.50	276	627630	49.565	ng		98

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

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