Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115224.D
Acq On : 26 Jun 2019 17:40
Operator : HP/JU
Sample : K3309-09MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MSD

Manual Integrations APPROVED
mohammad
6/27/2019 8:32:22 AM

Quant Time: Jun 27 01:37:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	300565	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1151567	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	551040	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	959405	20.00	ng		0.00
76) Chrysene-d12	13.87	240	646091	20.00	ng		0.12
87) Perylene-d12	15.41	264	671671	20.00	ng		0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1075271	55.21	ng		0.00
7) Phenol-d6	6.25	99	868595	36.74	ng		0.00
23) Nitrobenzene-d5	7.18	82	1666502	89.02	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	669332	115.19	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2923197	90.11	ng		0.00
79) Terphenyl-d14	12.73	244	2639997	86.88	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	174429	18.976	ng		98
3) Pyridine	2.91	79	343696	13.266	ng		99
4) n-Nitrosodimethylamine	2.84	42	157338	15.491	ng		95
6) Aniline	6.27	93	461105	14.192	ng	#	91
8) 2-Chlorophenol	6.40	128	703517	32.123	ng		97
9) Benzaldehyde	6.15	77	173663	11.260	ng		97
10) Phenol	6.27	94	353932	12.781	ng		89
11) bis(2-Chloroethyl)ether	6.35	93	787697	38.589	ng		100
12) 1,3-Dichlorobenzene	6.55	146	935442	38.486	ng		99
13) 1,4-Dichlorobenzene	6.63	146	991437	40.677	ng		99
14) 1,2-Dichlorobenzene	6.78	146	874134	38.728	ng		98
15) Benzyl Alcohol	6.76	79	436601	25.363	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1127037	38.068	ng		97
17) 2-Methylphenol	6.88	107	493341	27.290	ng		98
18) Hexachloroethane	7.13	117	336851	38.335	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	570905	37.721	ng		98
20) 3+4-Methylphenols	7.03	107	498907	23.901	ng	#	81
22) Acetophenone	7.02	105	1161301	44.050	ng	#	94
24) Nitrobenzene	7.20	77	877184	42.533	ng		100
25) Isophorone	7.44	82	1589495	41.449	ng		99
26) 2-Nitrophenol	7.51	139	459489	45.115	ng		99
27) 2,4-Dimethylphenol	7.56	122	670127	40.186	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	1005626	41.490	ng		99
29) 2,4-Dichlorophenol	7.75	162	682392	39.654	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	808169	42.516	ng		99
31) Naphthalene	7.92	128	2362067	41.786	ng		100
32) Benzoic acid	7.65	122	126575	10.634	ng		97
33) 4-Chloroaniline	7.97	127	406340	15.729	ng		98
34) Hexachlorobutadiene	8.04	225	437534	42.003	ng		98
35) Caprolactam	8.34	113	35437	6.125	ng		96
36) 4-Chloro-3-methylphenol	8.45	107	642584	36.871	ng		99
37) 2-Methylnaphthalene	8.61	142	1624698	42.627	ng		99
38) 1-Methylnaphthalene	8.71	142	1595301	43.825	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	726325	46.645	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	378456	40.988	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	505419	42.042	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	521300	42.108	ng	97
46) 1,1'-Biphenyl	9.07	154	1887497	42.809	ng	98
47) 2-Chloronaphthalene	9.09	162	1511127	42.252	ng	97
48) 2-Nitroaniline	9.18	65	450987	43.252	ng	96
49) Acenaphthylene	9.51	152	2297657	41.234	ng	99
50) Dimethylphthalate	9.38	163	1771218	43.689	ng	100
51) 2,6-Dinitrotoluene	9.43	165	416616	44.512	ng	98
52) Acenaphthene	9.68	154	1688768	48.433	ng	99
53) 3-Nitroaniline	9.59	138	218066	19.092	ng	98
54) 2,4-Dinitrophenol	9.70	184	254527	55.341	ng	96
55) Dibenzofuran	9.85	168	2008004	40.124	ng	99
56) 4-Nitrophenol	9.76	139	252962	27.625	ng	95
57) 2,4-Dinitrotoluene	9.83	165	531457	43.975	ng	96
58) Fluorene	10.19	166	1542972	46.532	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	438058	42.198	ng	98
60) Diethylphthalate	10.08	149	1727196	42.383	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	671552	41.950	ng	97
62) 4-Nitroaniline	10.20	138	387317	33.802	ng	96
63) Azobenzene	10.34	77	1521428	39.970	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	172490	35.258	ng	95
66) n-Nitrosodiphenylamine	10.30	169	1396392	46.718	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	475187	45.683	ng	93
68) Hexachlorobenzene	10.74	284	500665	44.343	ng	97
69) Atrazine	10.84	200	431528	44.880	ng	99
70) Pentachlorophenol	10.92	266	562447	78.194	ng	96
71) Phenanthrene	11.14	178	2138862	41.406	ng	99
72) Anthracene	11.19	178	2188597	41.973	ng	100
73) Carbazole	11.34	167	1900798	40.823	ng	99
74) Di-n-butylphthalate	11.70	149	2378698	44.210	ng	99
75) Fluoranthene	12.34	202	2031797	39.422	ng	98
77) Benzidine	12.46	184	196484	6.849	ng	97
78) Pyrene	12.57	202	2032153	40.928	ng	99
80) Butylbenzylphthalate	13.25	149	980239	44.735	ng	97
81) Benzo(a)anthracene	13.85	228	1878923	40.530	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	512107	30.590	ng	98
83) Chrysene	13.89	228	1639565	38.609	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	1240895	43.219	ng	100
85) Di-n-octyl phthalate	14.60	149	2241353	46.462	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1702056	33.872	ng	99
88) Benzo(b)fluoranthene	15.02	252	1891160m	45.124	ng	
89) Benzo(k)fluoranthene	15.05	252	1827545	48.625	ng	99
90) Benzo(a)pyrene	15.36	252	1722694	45.605	ng	100
91) Dibenzo(a,h)anthracene	16.74	278	1463737	41.507	ng	98
92) Benzo(g,h,i)perylene	17.11	276	1343383	37.638	ng	99

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

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