Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117807.D
Acq On : 15 Nov 2019 17:14
Operator : JU
Sample : K5861-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-6MSD

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:07 PM

Quant Time: Nov 18 02:44:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	245477	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	954943	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	498666	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	955331	20.00	ng		0.00
76) Chrysene-d12	14.11	240	645070	20.00	ng		0.00
87) Perylene-d12	15.62	264	661129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1200611	86.57	ng		0.00
7) Phenol-d6	6.54	99	1530007	91.47	ng		0.00
23) Nitrobenzene-d5	7.48	82	948466	59.04	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	456542	86.48	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	1845651	66.40	ng		0.00
79) Terphenyl-d14	13.05	244	2088102	59.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	218393	33.690	ng		99
3) Pyridine	3.50	79	554451	32.606	ng		99
4) n-Nitrosodimethylamine	3.45	42	283476	38.190	ng		98
6) Aniline	6.58	93	492050	22.261	ng		100
8) 2-Chlorophenol	6.70	128	613924	40.798	ng		100
9) Benzaldehyde	6.47	77	303454	24.902	ng		97
10) Phenol	6.55	94	792062	45.569	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	541778	38.814	ng		99
12) 1,3-Dichlorobenzene	6.86	146	660662	37.292	ng		100
13) 1,4-Dichlorobenzene	6.94	146	681925	38.081	ng		99
14) 1,2-Dichlorobenzene	7.09	146	653248	38.143	ng		99
15) Benzyl Alcohol	7.06	79	531752	41.176	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.19	45	786053	36.577	ng		99
17) 2-Methylphenol	7.16	107	507204	39.802	ng		97
18) Hexachloroethane	7.44	117	244594	37.182	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	396556	38.429	ng		98
20) 3+4-Methylphenols	7.32	107	633283	40.034	ng		94
22) Acetophenone	7.33	105	817090	38.084	ng	#	97
24) Nitrobenzene	7.50	77	644306	38.879	ng		98
25) Isophorone	7.74	82	1125295	38.219	ng		97
26) 2-Nitrophenol	7.82	139	337461	41.837	ng		93
27) 2,4-Dimethylphenol	7.85	122	576985	46.034	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	678618	36.321	ng		100
29) 2,4-Dichlorophenol	8.06	162	525548	38.656	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	577289	36.607	ng		99
31) Naphthalene	8.23	128	1767850	39.710	ng		99
32) Benzoic acid	7.96	122	379937	36.203	ng		97
33) 4-Chloroaniline	8.27	127	224768	11.278	ng		99
34) Hexachlorobutadiene	8.35	225	322378	34.964	ng		98
35) Caprolactam	8.63	113	174380m	40.357	ng		
36) 4-Chloro-3-methylphenol	8.75	107	547745	39.698	ng		97
37) 2-Methylnaphthalene	8.92	142	1201861	39.956	ng		99
38) 1-Methylnaphthalene	9.02	142	1132249	39.816	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	528573	36.499	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	675840	83.277	ng		98
43) 2,4,6-Trichlorophenol	9.20	196	394370	38.020	ng		97
44) 2,4,5-Trichlorophenol	9.24	196	422451	39.226	ng		96
46) 1,1'-Biphenyl	9.39	154	1451224	39.226	ng		100
47) 2-Chloronaphthalene	9.42	162	1136502	37.342	ng		99
48) 2-Nitroaniline	9.50	65	344962	37.543	ng		99
49) Acenaphthylene	9.83	152	1769084	39.868	ng		100
50) Dimethylphthalate	9.69	163	1472505	42.109	ng		100
51) 2,6-Dinitrotoluene	9.75	165	301216	39.413	ng		85
52) Acenaphthene	10.00	154	1184382	41.667	ng		99
53) 3-Nitroaniline	9.92	138	190540	20.836	ng		97
54) 2,4-Dinitrophenol	10.02	184	281836	72.515	ng	#	89
55) Dibenzofuran	10.18	168	1553409	39.465	ng		97
56) 4-Nitrophenol	10.07	139	539231	78.996	ng		97
57) 2,4-Dinitrotoluene	10.15	165	405796	41.741	ng		97
58) Fluorene	10.52	166	1169600	38.344	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	342861	38.746	ng		99
60) Diethylphthalate	10.39	149	1287274	37.759	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	586199	37.869	ng		97
62) 4-Nitroaniline	10.53	138	297593	32.501	ng		98
63) Azobenzene	10.67	77	1186607	38.258	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	196047	43.958	ng		99
66) n-Nitrosodiphenylamine	10.63	169	1056504	38.000	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	377686	36.640	ng		94
68) Hexachlorobenzene	11.07	284	436141	36.286	ng	#	91
69) Atrazine	11.16	200	367406	40.172	ng		98
70) Pentachlorophenol	11.26	266	506840	72.177	ng		100
71) Phenanthrene	11.49	178	1821861	37.931	ng		100
72) Anthracene	11.54	178	1877079	39.417	ng		99
73) Carbazole	11.69	167	1641229	39.439	ng		100
74) Di-n-butylphthalate	12.02	149	1929704	37.243	ng		100
75) Fluoranthene	12.68	202	1867301	42.229	ng		99
77) Benzidine	12.80	184	850435	40.248	ng		98
78) Pyrene	12.91	202	1881847	36.098	ng		99
80) Butylbenzylphthalate	13.53	149	805286	35.965	ng		97
81) Benzo(a)anthracene	14.10	228	1589820	37.296	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	458629	30.758	ng		98
83) Chrysene	14.14	228	1524361	36.904	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1075516	39.621	ng		98
85) Di-n-octyl phthalate	14.70	149	1713321	42.963	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1767128	50.266	ng		100
88) Benzo(b)fluoranthene	15.17	252	1493212	34.763	ng		99
89) Benzo(k)fluoranthene	15.20	252	1445051	35.705	ng		98
90) Benzo(a)pyrene	15.56	252	1347685	35.680	ng		99
91) Dibenzo(a,h)anthracene	17.17	278	1433088	44.081	ng		99
92) Benzo(g,h,i)perylene	17.62	276	1493387	46.119	ng		99

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

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