Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117127.D
Acq On : 18 Sep 2019 00:23
Operator : HP/JU
Sample : K4923-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMSD

Manual Integrations APPROVED
mohammad
9/19/2019 4:45:29 PM

Quant Time: Sep 18 05:20:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66748	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	268047	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	137217	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	235954	20.00	ng		0.00
76) Chrysene-d12	13.97	240	167269	20.00	ng		0.00
87) Perylene-d12	15.41	264	153700	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	474742	111.04	ng		0.01
7) Phenol-d6	6.47	99	657204	118.95	ng		0.01
23) Nitrobenzene-d5	7.39	82	400404	78.49	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	141482	123.37	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	711412	81.06	ng		0.00
79) Terphenyl-d14	12.91	244	737315	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	65102	36.390	ng		98
3) Pyridine	3.36	79	153383	31.324	ng		94
4) n-Nitrosodimethylamine	3.29	42	62453	37.165	ng		100
6) Aniline	6.49	93	133979	18.834	ng	#	86
8) 2-Chlorophenol	6.62	128	191585	41.539	ng		95
9) Benzaldehyde	6.37	77	112027	40.757	ng		95
10) Phenol	6.48	94	248906	40.864	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	178601	39.895	ng		98
12) 1,3-Dichlorobenzene	6.76	146	197824	38.223	ng		99
13) 1,4-Dichlorobenzene	6.84	146	204580	38.734	ng		99
14) 1,2-Dichlorobenzene	6.99	146	193513	39.352	ng		96
15) Benzyl Alcohol	6.97	79	175349	41.385	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	167993	37.983	ng		95
17) 2-Methylphenol	7.08	107	157045	40.628	ng		96
18) Hexachloroethane	7.33	117	77440	38.113	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	136997	40.719	ng		95
20) 3+4-Methylphenols	7.23	107	208787	43.363	ng		96
22) Acetophenone	7.23	105	281527	41.339	ng	#	97
24) Nitrobenzene	7.40	77	211574	41.996	ng		98
25) Isophorone	7.65	82	374266	41.435	ng		98
26) 2-Nitrophenol	7.72	139	98903	45.704	ng		97
27) 2,4-Dimethylphenol	7.76	122	165172	48.132	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	227520	40.883	ng		100
29) 2,4-Dichlorophenol	7.96	162	157590	43.827	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	156444	40.272	ng		99
31) Naphthalene	8.13	128	554023	42.976	ng		99
32) Benzoic acid	7.87	122	59011	26.239	ng		96
33) 4-Chloroaniline	8.17	127	39893	6.977	ng		99
34) Hexachlorobutadiene	8.24	225	87959	39.909	ng		97
35) Caprolactam	8.54	113	51579m	42.380	ng		
36) 4-Chloro-3-methylphenol	8.66	107	181323	43.248	ng		99
37) 2-Methylnaphthalene	8.82	142	375065	43.205	ng		97
38) 1-Methylnaphthalene	8.91	142	354582	43.612	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	145806	41.150	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	118518	76.095	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	99603	41.422	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	107318	41.773	ng	98
46) 1,1'-Biphenyl	9.27	154	446207	41.456	ng	99
47) 2-Chloronaphthalene	9.30	162	353520	41.617	ng	98
48) 2-Nitroaniline	9.40	65	112960	41.459	ng	97
49) Acenaphthylene	9.72	152	552709	43.434	ng	100
50) Dimethylphthalate	9.57	163	478994	49.301	ng	99
51) 2,6-Dinitrotoluene	9.64	165	91524	46.253	ng	99
52) Acenaphthene	9.89	154	317717	42.119	ng	99
53) 3-Nitroaniline	9.80	138	47743	19.123	ng	93
54) 2,4-Dinitrophenol	9.92	184	45695	56.520	ng	96
55) Dibenzofuran	10.06	168	489059	43.942	ng	98
56) 4-Nitrophenol	9.98	139	123631	76.406	ng	97
57) 2,4-Dinitrotoluene	10.05	165	124439	48.447	ng	95
58) Fluorene	10.40	166	400192	44.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	83867	42.659	ng	99
60) Diethylphthalate	10.27	149	414177	43.331	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	169234	43.628	ng	94
62) 4-Nitroaniline	10.42	138	108738	41.881	ng	98
63) Azobenzene	10.55	77	420679	43.092	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	42199	40.509	ng	95
66) n-Nitrosodiphenylamine	10.51	169	344073	42.223	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	102434	42.510	ng	94
68) Hexachlorobenzene	10.95	284	106460	40.393	ng	94
69) Atrazine	11.03	200	100451	51.504	ng	97
70) Pentachlorophenol	11.15	266	90073	72.909	ng	98
71) Phenanthrene	11.36	178	570423	42.562	ng	99
72) Anthracene	11.41	178	605188	44.231	ng	98
73) Carbazole	11.57	167	562882	43.340	ng	100
74) Di-n-butylphthalate	11.89	149	677310	43.832	ng	100
75) Fluoranthene	12.55	202	588966	42.770	ng	98
77) Benzidine	12.66	184	193960	35.997	ng	99
78) Pyrene	12.77	202	603625	43.008	ng	100
80) Butylbenzylphthalate	13.38	149	289260	43.617	ng	98
81) Benzo(a)anthracene	13.96	228	465133	41.621	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	78502	21.799	ng	100
83) Chrysene	14.00	228	466875	42.834	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	391872	45.829	ng	100
85) Di-n-octyl phthalate	14.54	149	651481	48.407	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	381204	47.938	ng	98
88) Benzo(b)fluoranthene	15.00	252	391017	41.999	ng	99
89) Benzo(k)fluoranthene	15.03	252	371418	42.114	ng	97
90) Benzo(a)pyrene	15.35	252	360893	44.174	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	318135	48.881	ng	99
92) Benzo(g,h,i)perylene	17.29	276	314374	48.473	ng	97

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

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