Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117011.D
Acq On : 13 Sep 2019 00:44
Operator : HP/JU
Sample : K4712-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-20-22MSD

Manual Integrations APPROVED
mohammad
9/16/2019 9:00:04 AM

Quant Time: Sep 13 08:45:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	54797	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	215109	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	116238	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	192665	20.00	ng		0.00
76) Chrysene-d12	13.97	240	137785	20.00	ng		0.00
87) Perylene-d12	15.42	264	129910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	343640	101.60	ng		0.01
7) Phenol-d6	6.46	99	432510	97.38	ng		0.00
23) Nitrobenzene-d5	7.39	82	365518	97.00	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	116380	149.77	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	657492	95.42	ng		0.00
79) Terphenyl-d14	12.92	244	697691	93.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	52320	33.508	ng		100
3) Pyridine	3.35	79	107758	23.836	ng		98
4) n-Nitrosodimethylamine	3.26	42	52517	33.829	ng		93
6) Aniline	6.49	93	86797	14.110	ng	#	91
8) 2-Chlorophenol	6.62	128	143716	38.922	ng		94
9) Benzaldehyde	6.37	77	86323	29.501	ng		97
10) Phenol	6.47	94	163997	33.345	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	152458	39.811	ng		97
12) 1,3-Dichlorobenzene	6.77	146	166294	39.849	ng		99
13) 1,4-Dichlorobenzene	6.85	146	173586	41.781	ng		99
14) 1,2-Dichlorobenzene	7.00	146	162287	42.150	ng		98
15) Benzyl Alcohol	6.97	79	149862	41.567	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	151011	33.610	ng		99
17) 2-Methylphenol	7.08	107	115202	35.641	ng		99
18) Hexachloroethane	7.34	117	61331	37.995	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	119700	40.931	ng		96
20) 3+4-Methylphenols	7.23	107	146105	38.876	ng	#	60
22) Acetophenone	7.23	105	244197	47.153	ng	#	93
24) Nitrobenzene	7.40	77	181783	47.435	ng		95
25) Isophorone	7.65	82	335019	43.877	ng		99
26) 2-Nitrophenol	7.72	139	68407	48.012	ng		98
27) 2,4-Dimethylphenol	7.76	122	127923	44.457	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	202184	43.332	ng		99
29) 2,4-Dichlorophenol	7.96	162	117876	42.627	ng		100
30) 1,2,4-Trichlorobenzene	8.05	180	135166	45.065	ng		99
31) Naphthalene	8.13	128	477856	46.717	ng		100
32) Benzoic acid	7.86	122	44577	27.437	ng		98
33) 4-Chloroaniline	8.17	127	42001	9.021	ng		98
34) Hexachlorobutadiene	8.25	225	76364	46.694	ng		99
35) Caprolactam	8.53	113	34326m	33.168	ng		
36) 4-Chloro-3-methylphenol	8.66	107	140944	44.346	ng		96
37) 2-Methylnaphthalene	8.82	142	331677	48.735	ng		98
38) 1-Methylnaphthalene	8.92	142	309011	48.099	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	134177	48.154	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	27966	17.380	ng		95
43) 2,4,6-Trichlorophenol	9.10	196	78478	41.086	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	89899	45.334	ng		98
46) 1,1'-Biphenyl	9.28	154	397943	45.117	ng		99
47) 2-Chloronaphthalene	9.30	162	314553	45.026	ng		97
48) 2-Nitroaniline	9.40	65	101743	50.376	ng		97
49) Acenaphthylene	9.72	152	496251	46.992	ng		99
50) Dimethylphthalate	9.57	163	446235	55.605	ng		100
51) 2,6-Dinitrotoluene	9.64	165	78332	51.160	ng		88
52) Acenaphthene	9.89	154	286166	44.103	ng		100
53) 3-Nitroaniline	9.80	138	46541	24.255	ng		99
54) 2,4-Dinitrophenol	9.92	184	10045	25.440	ng	#	75
55) Dibenzofuran	10.06	168	444696	48.617	ng		98
56) 4-Nitrophenol	9.97	139	103192	78.432	ng		94
57) 2,4-Dinitrotoluene	10.05	165	104604	55.873	ng		98
58) Fluorene	10.40	166	359882	51.635	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	71598	50.028	ng		97
60) Diethylphthalate	10.27	149	380698	47.358	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	156371	51.235	ng		96
62) 4-Nitroaniline	10.42	138	88219	47.375	ng		99
63) Azobenzene	10.55	77	392436	46.818	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	9217	18.424	ng		90
66) n-Nitrosodiphenylamine	10.51	169	320716	48.120	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	91149	46.571	ng	#	91
68) Hexachlorobenzene	10.96	284	96972	47.355	ng		94
69) Atrazine	11.04	200	91909	49.237	ng		97
70) Pentachlorophenol	11.15	266	86141	86.959	ng		97
71) Phenanthrene	11.36	178	521097	48.587	ng		99
72) Anthracene	11.42	178	542014	50.204	ng		99
73) Carbazole	11.57	167	510695	49.659	ng		100
74) Di-n-butylphthalate	11.90	149	665451	50.475	ng		99
75) Fluoranthene	12.55	202	528334	50.127	ng		99
77) Benzidine	12.67	184	234013	43.302	ng		98
78) Pyrene	12.78	202	524222	42.800	ng		99
80) Butylbenzylphthalate	13.39	149	277702	46.623	ng		93
81) Benzo(a)anthracene	13.96	228	427729	49.049	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	116341	39.478	ng		98
83) Chrysene	14.00	228	419485	46.692	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	392005	53.316	ng		99
85) Di-n-octyl phthalate	14.56	149	637526	52.985	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	309110	42.835	ng		100
88) Benzo(b)fluoranthene	15.00	252	379068	48.263	ng		99
89) Benzo(k)fluoranthene	15.03	252	363753	50.795	ng		99
90) Benzo(a)pyrene	15.36	252	338922	49.599	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	264372	44.201	ng		100
92) Benzo(g,h,i)perylene	17.29	276	238899	39.164	ng		98

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

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