Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117236.D
Acq On : 25 Sep 2019 12:53
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/26/2019 3:53:30 PM

Quant Time: Sep 26 03:03:08 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	42874	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	172801	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	89013	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	139993	20.00	ng		0.00
76) Chrysene-d12	13.99	240	81729	20.00	ng		0.01
87) Perylene-d12	15.45	264	64680	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	206718	75.28	ng		0.00
7) Phenol-d6	6.46	99	272495	76.78	ng		0.00
23) Nitrobenzene-d5	7.39	82	265982	80.88	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	58946	79.23	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	467000	82.03	ng		0.00
79) Terphenyl-d14	12.92	244	412177	94.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	38063	33.124	ng		96
3) Pyridine	3.30	79	106209	33.768	ng		98
4) n-Nitrosodimethylamine	3.26	42	43909	40.680	ng	#	76
6) Aniline	6.49	93	168682	36.916	ng		93
8) 2-Chlorophenol	6.61	128	113652	38.363	ng		98
9) Benzaldehyde	6.37	77	74265	42.460	ng		96
10) Phenol	6.48	94	147294	37.647	ng	#	73
11) bis(2-Chloroethyl)ether	6.56	93	106791	37.138	ng		99
12) 1,3-Dichlorobenzene	6.76	146	124535	37.461	ng		99
13) 1,4-Dichlorobenzene	6.83	146	129313	38.116	ng		98
14) 1,2-Dichlorobenzene	6.99	146	122443	38.765	ng		98
15) Benzyl Alcohol	6.97	79	105986	38.943	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	101275	35.648	ng		88
17) 2-Methylphenol	7.08	107	94935	38.236	ng		92
18) Hexachloroethane	7.33	117	51516	39.472	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	83571	38.671	ng		98
20) 3+4-Methylphenols	7.23	107	122323	39.552	ng		98
22) Acetophenone	7.23	105	174484	39.743	ng		98
24) Nitrobenzene	7.40	77	128935	39.699	ng		98
25) Isophorone	7.65	82	223741	38.423	ng		99
26) 2-Nitrophenol	7.72	139	56144	40.245	ng		97
27) 2,4-Dimethylphenol	7.76	122	87658	39.624	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	135999	37.907	ng		99
29) 2,4-Dichlorophenol	7.97	162	88135	38.021	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	97945	39.110	ng		99
31) Naphthalene	8.12	128	326678	39.308	ng		100
32) Benzoic acid	7.91	122	51380	33.127	ng		97
33) 4-Chloroaniline	8.17	127	137577	37.324	ng		100
34) Hexachlorobutadiene	8.24	225	57908	40.756	ng		97
35) Caprolactam	8.56	113	27523m	35.079	ng		
36) 4-Chloro-3-methylphenol	8.66	107	103150	38.163	ng		97
37) 2-Methylnaphthalene	8.82	142	219687	39.256	ng		99
38) 1-Methylnaphthalene	8.92	142	206575	39.412	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	90282	39.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	35412	39.282	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	59113	37.896	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	60882	36.531	ng		97
46) 1,1'-Biphenyl	9.27	154	270155	38.692	ng		99
47) 2-Chloronaphthalene	9.30	162	209637	38.044	ng		100
48) 2-Nitroaniline	9.40	65	68436	38.720	ng		96
49) Acenaphthylene	9.72	152	310656	37.633	ng		98
50) Dimethylphthalate	9.57	163	232394	36.873	ng		99
51) 2,6-Dinitrotoluene	9.65	165	49409	38.492	ng		94
52) Acenaphthene	9.89	154	186946	38.204	ng		98
53) 3-Nitroaniline	9.82	138	59801	36.924	ng		97
54) 2,4-Dinitrophenol	9.93	184	16471	35.478	ng		97
55) Dibenzofuran	10.06	168	277834	38.482	ng		100
56) 4-Nitrophenol	9.99	139	37031	35.279	ng		93
57) 2,4-Dinitrotoluene	10.05	165	67076	40.256	ng	#	88
58) Fluorene	10.40	166	226547	38.953	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	48192	37.787	ng		99
60) Diethylphthalate	10.27	149	233971	37.734	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	102228	40.626	ng		97
62) 4-Nitroaniline	10.43	138	59882	35.554	ng		92
63) Azobenzene	10.55	77	244818	38.658	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	23388	38.296	ng		89
66) n-Nitrosodiphenylamine	10.51	169	190627	39.428	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	58156	40.678	ng		94
68) Hexachlorobenzene	10.96	284	61700	39.457	ng	#	93
69) Atrazine	11.04	200	44119	34.405	ng		99
70) Pentachlorophenol	11.16	266	31390	42.825	ng		96
71) Phenanthrene	11.37	178	307313	38.648	ng		98
72) Anthracene	11.42	178	313030	38.560	ng		98
73) Carbazole	11.57	167	284671	36.944	ng		99
74) Di-n-butylphthalate	11.89	149	355929	38.823	ng		99
75) Fluoranthene	12.56	202	296557	36.297	ng		96
77) Benzidine	12.67	184	93767	35.616	ng		98
78) Pyrene	12.79	202	299236	43.635	ng		98
80) Butylbenzylphthalate	13.39	149	129025	39.818	ng		95
81) Benzo(a)anthracene	13.97	228	206180	37.759	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	64284	36.534	ng		92
83) Chrysene	14.01	228	201234	37.786	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	157351	37.662	ng		99
85) Di-n-octyl phthalate	14.57	149	217645	33.098	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	154198	39.686	ng		97
88) Benzo(b)fluoranthene	15.03	252	144184	36.801	ng		98
89) Benzo(k)fluoranthene	15.06	252	152053	40.970	ng		97
90) Benzo(a)pyrene	15.39	252	133086	38.710	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	124960	45.625	ng		97
92) Benzo(g,h,i)perylene	17.35	276	120827	44.271	ng		95

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

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