Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117208.D
Acq On : 23 Sep 2019 16:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2019 2:38:21 PM

Quant Time: Sep 23 17:45:17 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	29991	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	135659	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	72095	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	120765	20.00	ng		0.00
76) Chrysene-d12	13.98	240	88532	20.00	ng		0.00
87) Perylene-d12	15.43	264	77705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	157537	82.01	ng		0.00
7) Phenol-d6	6.46	99	209838	84.52	ng		0.00
23) Nitrobenzene-d5	7.39	82	207396	80.33	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	49988	82.96	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	376505	81.66	ng		0.00
79) Terphenyl-d14	12.92	244	386419	81.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	29516	36.720	ng		97
3) Pyridine	3.30	79	82851	37.657	ng		97
4) n-Nitrosodimethylamine	3.25	42	35037	46.404	ng		78
6) Aniline	6.48	93	132392	41.420	ng	#	79
8) 2-Chlorophenol	6.61	128	84805	40.922	ng		96
9) Benzaldehyde	6.37	77	56645	47.415	ng		94
10) Phenol	6.47	94	112893	41.250	ng		79
11) bis(2-Chloroethyl)ether	6.55	93	80665	40.103	ng		99
12) 1,3-Dichlorobenzene	6.76	146	95390	41.020	ng		97
13) 1,4-Dichlorobenzene	6.83	146	96558	40.688	ng		99
14) 1,2-Dichlorobenzene	6.99	146	93124	42.147	ng		99
15) Benzyl Alcohol	6.96	79	84260	44.260	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	75170	37.825	ng		72
17) 2-Methylphenol	7.08	107	72641	41.824	ng	#	91
18) Hexachloroethane	7.33	117	37943	41.561	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	65642	43.422	ng		92
20) 3+4-Methylphenols	7.23	107	97154	44.908	ng	#	87
22) Acetophenone	7.23	105	141210	40.970	ng	#	97
24) Nitrobenzene	7.40	77	100777	39.525	ng		100
25) Isophorone	7.64	82	177477	38.823	ng		98
26) 2-Nitrophenol	7.72	139	41558	37.946	ng		88
27) 2,4-Dimethylphenol	7.76	122	65281	37.588	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	104172	36.986	ng		99
29) 2,4-Dichlorophenol	7.96	162	70023	38.478	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	76285	38.801	ng		98
31) Naphthalene	8.12	128	254071	38.942	ng		98
32) Benzoic acid	7.90	122	34623	29.369	ng		96
33) 4-Chloroaniline	8.17	127	110905	38.326	ng		96
34) Hexachlorobutadiene	8.24	225	44203	39.628	ng		98
35) Caprolactam	8.55	113	23049	37.420	ng		92
36) 4-Chloro-3-methylphenol	8.66	107	84204	39.683	ng		99
37) 2-Methylnaphthalene	8.81	142	171883	39.123	ng		98
38) 1-Methylnaphthalene	8.91	142	164770	40.043	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	71971	38.659	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	23586	33.697	ng		96
43) 2,4,6-Trichlorophenol	9.09	196	46941	37.155	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	50054	37.082	ng		95
46) 1,1'-Biphenyl	9.27	154	218025	38.553	ng		97
47) 2-Chloronaphthalene	9.30	162	168078	37.659	ng		98
48) 2-Nitroaniline	9.40	65	56305	39.332	ng		89
49) Acenaphthylene	9.72	152	253447	37.907	ng		100
50) Dimethylphthalate	9.57	163	195535	38.305	ng		98
51) 2,6-Dinitrotoluene	9.64	165	39503	37.996	ng	#	77
52) Acenaphthene	9.89	154	151143	38.135	ng		99
53) 3-Nitroaniline	9.82	138	49225	37.527	ng		93
54) 2,4-Dinitrophenol	9.93	184	13659	36.107	ng		96
55) Dibenzofuran	10.06	168	227150	38.845	ng		95
56) 4-Nitrophenol	9.99	139	32502	38.231	ng		90
57) 2,4-Dinitrotoluene	10.05	165	54542	40.415	ng	#	93
58) Fluorene	10.40	166	190715	40.488	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	40305	39.019	ng		96
60) Diethylphthalate	10.27	149	200412	39.906	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	83470	40.956	ng		95
62) 4-Nitroaniline	10.43	138	50967	37.362	ng		86
63) Azobenzene	10.55	77	202097	39.401	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	19044	36.535	ng		87
66) n-Nitrosodiphenylamine	10.51	169	159115	38.150	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	47693	38.671	ng		98
68) Hexachlorobenzene	10.96	284	52599	38.993	ng		95
69) Atrazine	11.03	200	38730	35.179	ng		97
70) Pentachlorophenol	11.15	266	25775	40.763	ng		98
71) Phenanthrene	11.36	178	261520	38.126	ng		100
72) Anthracene	11.42	178	269152	38.434	ng		99
73) Carbazole	11.57	167	248481	37.381	ng		99
74) Di-n-butylphthalate	11.89	149	311898	39.437	ng		99
75) Fluoranthene	12.55	202	271184	38.477	ng		98
77) Benzidine	12.67	184	91078	31.937	ng		99
78) Pyrene	12.78	202	274268	36.921	ng		99
80) Butylbenzylphthalate	13.39	149	132499	37.748	ng		95
81) Benzo(a)anthracene	13.97	228	230076	38.897	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	73566	38.596	ng		93
83) Chrysene	14.00	228	219470	38.043	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	171709	37.940	ng		97
85) Di-n-octyl phthalate	14.56	149	263879	37.045	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	145501	34.571	ng		97
88) Benzo(b)fluoranthene	15.01	252	176747	37.551	ng		97
89) Benzo(k)fluoranthene	15.04	252	182312m	40.889	ng		
90) Benzo(a)pyrene	15.37	252	158241	38.312	ng		97
91) Dibenzo(a,h)anthracene	16.89	278	118566	36.034	ng		99
92) Benzo(g,h,i)perylene	17.31	276	109447	33.380	ng		96

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

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