Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121547.D
Acq On : 10 Sep 2020 12:36
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Manual Integrations APPROVED
mohammad
9/11/2020 11:48:12 AM

Quant Time: Sep 10 16:48:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 14:49:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	177957	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	693270	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	363981	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	679844	20.00	ng		0.00
76) Chrysene-d12	13.99	240	601333	20.00	ng		0.00
86) Perylene-d12	15.44	264	598203	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	127960	12.06	ng		-0.01
7) Phenol-d6	6.45	99	168597	11.37	ng		-0.02
23) Nitrobenzene-d5	7.39	82	120687	11.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	40564	11.03	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	279768	12.40	ng		0.00
79) Terphenyl-d14	12.93	244	317204	11.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	27075	5.352	ng		99
3) Pyridine	3.37	79	74945	5.441	ng		96
4) n-Nitrosodimethylamine	3.28	42	34399	5.649	ng	#	99
6) Aniline	6.49	93	105525	6.000	ng		99
8) 2-Chlorophenol	6.61	128	64142	5.958	ng		96
9) Benzaldehyde	6.37	77	56314	7.748	ng		98
10) Phenol	6.46	94	90063m	6.211	ng		
11) bis(2-Chloroethyl)ether	6.56	93	65351	5.547	ng		98
12) 1,3-Dichlorobenzene	6.77	146	72899	5.624	ng		98
13) 1,4-Dichlorobenzene	6.85	146	73553	5.662	ng		99
14) 1,2-Dichlorobenzene	7.00	146	69629	5.757	ng		98
15) Benzyl Alcohol	6.96	79	54650	5.617	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	106804	6.120	ng		99
17) 2-Methylphenol	7.07	107	53203	5.680	ng		99
18) Hexachloroethane	7.35	117	24931	5.608	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	48002	5.795	ng		97
20) 3+4-Methylphenols	7.23	107	69849	6.162	ng		96
22) Acetophenone	7.23	105	96712	5.660	ng	#	99
24) Nitrobenzene	7.40	77	67811	6.671	ng		96
25) Isophorone	7.65	82	129009	5.656	ng		100
26) 2-Nitrophenol	7.73	139	20979	6.105	ng		98
27) 2,4-Dimethylphenol	7.76	122	57266	6.054	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	81813	5.275	ng		96
29) 2,4-Dichlorophenol	7.96	162	51570	5.521	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	56565	4.944	ng		98
31) Naphthalene	8.13	128	197595	5.741	ng		98
33) 4-Chloroaniline	8.18	127	81256	5.301	ng		99
34) Hexachlorobutadiene	8.25	225	32973	4.846	ng		99
35) Caprolactam	8.51	113	15907	5.222	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	57032	5.791	ng		99
37) 2-Methylnaphthalene	8.82	142	129500	5.679	ng		97
38) 1-Methylnaphthalene	8.92	142	120558	5.599	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	58796	5.449	ng		99
41) Hexachlorocyclopentadiene	8.98	237	24585	5.418	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	36200	5.308	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	38826	5.758	ng	#	92
46) 1,1'-Biphenyl	9.29	154	157059	5.718	ng		99
47) 2-Chloronaphthalene	9.31	162	122696	5.435	ng		97
48) 2-Nitroaniline	9.40	65	27807	5.666	ng		97
49) Acenaphthylene	9.73	152	186720	5.514	ng		98
50) Dimethylphthalate	9.58	163	135267	5.410	ng		100
51) 2,6-Dinitrotoluene	9.65	165	23386	6.409	ng		95
52) Acenaphthene	9.90	154	116591	5.453	ng		98
53) 3-Nitroaniline	9.81	138	28723	5.968	ng		98
55) Dibenzofuran	10.07	168	170642	5.494	ng		97
56) 4-Nitrophenol	9.96	139	20599	5.268	ng		96
57) 2,4-Dinitrotoluene	10.05	165	27833	6.414	ng		98
58) Fluorene	10.41	166	137537	5.874	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	30959	5.514	ng	#	99
60) Diethylphthalate	10.28	149	136705	5.442	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	65023	5.543	ng		100
62) 4-Nitroaniline	10.42	138	28575	5.530	ng		98
63) Azobenzene	10.56	77	145568	5.860	ng		99
66) n-Nitrosodiphenylamine	10.52	169	121825	5.666	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	38315	5.123	ng		95
68) Hexachlorobenzene	10.96	284	43578	4.983	ng		98
69) Atrazine	11.05	200	27735	4.448	ng		97
70) Pentachlorophenol	11.15	266	17483	4.376	ng		97
71) Phenanthrene	11.37	178	202932	5.817	ng		98
72) Anthracene	11.42	178	207920	6.059	ng		98
73) Carbazole	11.57	167	182870	5.527	ng		98
74) Di-n-butylphthalate	11.91	149	203045	5.524	ng		99
75) Fluoranthene	12.56	202	209982	5.585	ng		97
77) Benzidine	12.68	184	96365	7.348	ng		99
78) Pyrene	12.79	202	222288	5.176	ng		97
80) Butylbenzylphthalate	13.41	149	76456	4.621	ng		93
81) Benzo(a)anthracene	13.97	228	199576	5.437	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	69045	5.135	ng		99
83) Chrysene	14.01	228	196759	5.358	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	117245	5.487	ng	#	97
85) Di-n-octyl phthalate	14.58	149	190444	5.259	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	190866	5.186	ng		99
88) Benzo(b)fluoranthene	15.01	252	188093	4.834	ng		99
89) Benzo(k)fluoranthene	15.04	252	181651	5.019	ng		97
90) Benzo(a)pyrene	15.37	252	161909	4.627	ng		97
91) Dibenzo(a,h)anthracene	16.89	278	161382	5.356	ng		97
92) Benzo(g,h,i)perylene	17.30	276	155304	5.351	ng		98

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

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