Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
Data File : BF131616.D
Acq On : 13 Dec 2022 17:12
Operator : CG\JU
Sample : N5964-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 03:33:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 03:22:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
12/14/2022
Supervised By :mohammad ahmed
12/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	54111	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	195520	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	114839	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	231084	20.000	ng		0.00
76) Chrysene-d12	14.086	240	136575	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	119065	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	472666	145.727	ng		0.02
7) Phenol-d6	6.528	99	582815	137.120	ng		0.00
23) Nitrobenzene-d5	7.457	82	472899	91.442	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	213596	167.409	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	803077	88.174	ng		0.00
79) Terphenyl-d14	13.027	244	1062088	106.648	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	69421	47.417	ng	#	80
3) Pyridine	3.528	79	169801	41.774	ng		95
4) n-Nitrosodimethylamine	3.475	42	101900	45.456	ng	#	90
6) Aniline	6.545	93	166302	32.716	ng	#	75
8) 2-Chlorophenol	6.669	128	175778	51.139	ng		98
9) Benzaldehyde	6.434	77	66197	22.735	ng		97
10) Phenol	6.539	94	223773m	47.199	ng		
11) bis(2-Chloroethyl)ether	6.622	93	190574	53.624	ng		98
12) 1,3-Dichlorobenzene	6.822	146	184700	46.347	ng		98
13) 1,4-Dichlorobenzene	6.904	146	187620	46.675	ng		97
14) 1,2-Dichlorobenzene	7.051	146	181171	47.181	ng		100
15) Benzyl Alcohol	7.028	79	201777	51.782	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	227283	49.509	ng		88
17) 2-Methylphenol	7.145	107	163362	52.735	ng		99
18) Hexachloroethane	7.398	117	76137	46.954	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	156773	49.190	ng		97
20) 3+4-Methylphenols	7.298	107	202778	48.059	ng	#	78
22) Acetophenone	7.298	105	300154	48.988	ng	#	95
24) Nitrobenzene	7.475	77	246364	47.233	ng		94
25) Isophorone	7.710	82	425769	51.112	ng		99
26) 2-Nitrophenol	7.786	139	95075	53.451	ng		96
27) 2,4-Dimethylphenol	7.828	122	159802	58.614	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	233630	54.216	ng		99
29) 2,4-Dichlorophenol	8.033	162	165016	48.951	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	187429	45.338	ng		97
31) Naphthalene	8.198	128	515789	46.837	ng		99
32) Benzoic acid	7.951	122	100206	50.751	ng		96
33) 4-Chloroaniline	8.245	127	94610	22.920	ng		96
34) Hexachlorobutadiene	8.310	225	123106	42.253	ng		99
35) Caprolactam	8.622	113	42540m	48.783	ng		
36) 4-Chloro-3-methylphenol	8.733	107	193898	51.223	ng		98
37) 2-Methylnaphthalene	8.886	142	354135	47.022	ng		98
38) 1-Methylnaphthalene	8.986	142	330418	45.703	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	205000	48.223	ng		99
41) Hexachlorocyclopentadiene	9.039	237	210164	97.400	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	131537	50.025	ng		97

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44) 2,4,5-Trichlorophenol	9.216	196	144688	51.166	ng		97
46) 1,1'-Biphenyl	9.357	154	455585	50.176	ng		99
47) 2-Chloronaphthalene	9.380	162	366982	49.608	ng		99
48) 2-Nitroaniline	9.486	65	138737	52.942	ng		88
49) Acenaphthylene	9.804	152	560293	51.583	ng		100
50) Dimethylphthalate	9.663	163	439371	50.189	ng		99
51) 2,6-Dinitrotoluene	9.727	165	97855	54.144	ng	#	83
52) Acenaphthene	9.975	154	402763m	55.350	ng		
53) 3-Nitroaniline	9.898	138	64276	37.067	ng		99
54) 2,4-Dinitrophenol	10.004	184	98312	94.256	ng		94
55) Dibenzofuran	10.145	168	519837	50.561	ng		99
56) 4-Nitrophenol	10.069	139	140219	116.401	ng	#	84
57) 2,4-Dinitrotoluene	10.133	165	135005	56.312	ng		96
58) Fluorene	10.492	166	419316	50.167	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	119256m	49.802	ng		
60) Diethylphthalate	10.363	149	418061	49.763	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	220546	47.747	ng		97
62) 4-Nitroaniline	10.522	138	97129	56.525	ng		92
63) Azobenzene	10.645	77	460944	48.106	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	71054	48.547	ng		98
66) n-Nitrosodiphenylamine	10.604	169	351974	47.114	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	134325	45.186	ng		97
68) Hexachlorobenzene	11.039	284	149563	46.513	ng		96
69) Atrazine	11.133	200	136763	57.648	ng		98
70) Pentachlorophenol	11.239	266	162620	98.238	ng		99
71) Phenanthrene	11.463	178	629362	48.862	ng		100
72) Anthracene	11.510	178	640021	51.073	ng		99
73) Carbazole	11.669	167	570447	55.769	ng		99
74) Di-n-butylphthalate	11.992	149	640449	51.037	ng		99
75) Fluoranthene	12.651	202	722365	54.463	ng		99
77) Benzidine	12.774	184	136236	37.229	ng		100
78) Pyrene	12.886	202	728125	54.067	ng		100
80) Butylbenzylphthalate	13.504	149	248012	63.637	ng		95
81) Benzo(a)anthracene	14.080	228	520095	52.732	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	110906	39.523	ng		98
83) Chrysene	14.115	228	481877	51.391	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	303203	56.532	ng		97
85) Di-n-octyl phthalate	14.680	149	393179	45.499	ng		98
87) Indeno(1,2,3-cd)pyrene	17.127	276	491641	50.596	ng		99
88) Benzo(b)fluoranthene	15.151	252	416199	53.037	ng		97
89) Benzo(k)fluoranthene	15.180	252	400271	48.868	ng		99
90) Benzo(a)pyrene	15.527	252	357640	53.403	ng		99
91) Dibenzo(a,h)anthracene	17.145	278	417077	52.153	ng		98
92) Benzo(g,h,i)perylene	17.592	276	421755	52.474	ng		99

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

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