Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
Data File : BF136636.D
Acq On : 19 Dec 2023 18:12
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 04:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 04:11:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	78686	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	303955	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	161741	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	300511	20.000	ng		0.00
76) Chrysene-d12	13.974	240	151190	20.000	ng		0.00
86) Perylene-d12	15.451	264	137934	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	568219	112.117	ng		0.00
7) Phenol-d6	6.451	99	739328	113.979	ng		0.00
23) Nitrobenzene-d5	7.369	82	696005	118.908	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	212438	112.635	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1286481	108.672	ng		0.00
79) Terphenyl-d14	12.916	244	1273010	118.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	121724	58.515	ng		97
3) Pyridine	3.322	79	297259	58.231	ng		99
4) n-Nitrosodimethylamine	3.299	42	165689	60.088	ng		95
6) Aniline	6.463	93	364641	56.501	ng	#	16
8) 2-Chlorophenol	6.593	128	313929	56.656	ng		97
10) Phenol	6.463	94	391333	56.593	ng		98
11) bis(2-Chloroethyl)ether	6.545	93	313063	58.687	ng		97
12) 1,3-Dichlorobenzene	6.740	146	340999	56.717	ng		98
13) 1,4-Dichlorobenzene	6.816	146	347967	57.004	ng		98
14) 1,2-Dichlorobenzene	6.969	146	314840	55.260	ng		98
15) Benzyl Alcohol	6.945	79	258033	57.129	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	495282	56.754	ng		98
17) 2-Methylphenol	7.063	107	257592	57.129	ng		94
18) Hexachloroethane	7.304	117	127114	57.342	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	225113	55.975	ng		96
20) 3+4-Methylphenols	7.216	107	309090	54.439	ng		91
22) Acetophenone	7.210	105	435727	57.299	ng		97
24) Nitrobenzene	7.387	77	356434	59.985	ng		100
25) Isophorone	7.622	82	645746	59.141	ng		100
26) 2-Nitrophenol	7.698	139	173860	61.750	ng		91
27) 2,4-Dimethylphenol	7.734	122	211315	59.757	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	387359	58.616	ng		99
29) 2,4-Dichlorophenol	7.939	162	259959	59.302	ng		96
30) 1,2,4-Trichlorobenzene	8.016	180	286063	57.992	ng		99
31) Naphthalene	8.098	128	953950	57.439	ng		100
32) Benzoic acid	7.892	122	218003m	65.720	ng		
33) 4-Chloroaniline	8.151	127	365699	59.165	ng		100
34) Hexachlorobutadiene	8.210	225	174528	57.873	ng		99
35) Caprolactam	8.545	113	86733m	59.175	ng		
36) 4-Chloro-3-methylphenol	8.639	107	294241	58.966	ng		98
37) 2-Methylnaphthalene	8.786	142	616063	57.725	ng		99
38) 1-Methylnaphthalene	8.886	142	599326	56.987	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	283781	57.817	ng		99
41) Hexachlorocyclopentadiene	8.934	237	97152	60.063	ng		97
43) 2,4,6-Trichlorophenol	9.069	196	188518	58.567	ng		98
44) 2,4,5-Trichlorophenol	9.116	196	205034	57.782	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	761915	56.350	ng	99
47) 2-Chloronaphthalene	9.281	162	585829	57.374	ng	98
48) 2-Nitroaniline	9.381	65	187641	58.119	ng	92
49) Acenaphthylene	9.698	152	889573	56.731	ng	99
50) Dimethylphthalate	9.563	163	671948	57.933	ng	99
51) 2,6-Dinitrotoluene	9.628	165	152267	57.613	ng	94
52) Acenaphthene	9.869	154	544531	56.161	ng	99
53) 3-Nitroaniline	9.798	138	163845	57.700	ng	100
54) 2,4-Dinitrophenol	9.904	184	88954	65.988	ng	97
55) Dibenzofuran	10.039	168	808912	55.336	ng	98
56) 4-Nitrophenol	9.963	139	118053	60.957	ng	97
57) 2,4-Dinitrotoluene	10.033	165	193358	56.819	ng	92
58) Fluorene	10.386	166	646201	55.688	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	158791	57.483	ng	97
60) Diethylphthalate	10.263	149	676513	56.093	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	309619	55.402	ng	98
62) 4-Nitroaniline	10.416	138	165797	59.015	ng	99
63) Azobenzene	10.539	77	646745	57.399	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	114661	64.623	ng	96
66) n-Nitrosodiphenylamine	10.498	169	566095	57.322	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	194575	57.932	ng	93
68) Hexachlorobenzene	10.933	284	215961	57.626	ng	94
70) Pentachlorophenol	11.128	266	112859	61.958	ng	99
71) Phenanthrene	11.351	178	890169	57.349	ng	100
72) Anthracene	11.398	178	888111	56.593	ng	99
73) Carbazole	11.557	167	833896	56.724	ng	99
74) Di-n-butylphthalate	11.892	149	1018355	56.695	ng	99
75) Fluoranthene	12.539	202	903322	54.610	ng	99
77) Benzidine	12.663	184	153002	36.602	ng	98
78) Pyrene	12.769	202	921412	61.779	ng	99
80) Butylbenzylphthalate	13.392	149	330729	62.462	ng	98
81) Benzo(a)anthracene	13.963	228	606480	57.856	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	149604	52.697	ng	99
83) Chrysene	14.004	228	589304	58.188	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	403604	60.983	ng	99
85) Di-n-octyl phthalate	14.574	149	637418	61.798	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	636208	64.869	ng	100
88) Benzo(b)fluoranthene	15.021	252	528310	57.040	ng	99
89) Benzo(k)fluoranthene	15.051	252	498967	57.602	ng	99
90) Benzo(a)pyrene	15.392	252	457547	58.455	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	516850	64.275	ng	99
92) Benzo(g,h,i)perylene	17.421	276	540345	65.305	ng	99

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

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