Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136657.D
Acq On : 20 Dec 2023 20:08
Operator : CG\JU
Sample : PB157519BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157519BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:19:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	65207	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	261593	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	142722	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	285598	20.000	ng		0.00
76) Chrysene-d12	13.962	240	170702	20.000	ng		0.00
86) Perylene-d12	15.439	264	130473	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	64422	15.415	ng		0.00
7) Phenol-d6	6.428	99	81529	15.056	ng		-0.01
23) Nitrobenzene-d5	7.345	82	49408	9.665	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	22878	13.611	ng		-0.01
45) 2-Fluorobiphenyl	9.139	172	115720	10.905	ng		-0.01
79) Terphenyl-d14	12.904	244	132353	10.835	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	11058	6.350	ng		95
3) Pyridine	3.369	79	20160m	4.745	ng		
4) n-Nitrosodimethylamine	3.293	42	11720	5.166	ng	#	94
6) Aniline	6.451	93	24109	4.453	ng		93
8) 2-Chlorophenol	6.575	128	25112	5.491	ng		98
9) Benzaldehyde	6.345	77	12439	4.038	ng		97
10) Phenol	6.439	94	32812	5.676	ng		83
11) bis(2-Chloroethyl)ether	6.522	93	23995	5.458	ng		96
12) 1,3-Dichlorobenzene	6.728	146	27125	5.437	ng		98
13) 1,4-Dichlorobenzene	6.804	146	27496	5.394	ng		99
14) 1,2-Dichlorobenzene	6.957	146	26331	5.551	ng		99
15) Benzyl Alcohol	6.934	79	13569	3.714	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	39825	5.541	ng		98
17) 2-Methylphenol	7.045	107	20719	5.469	ng		98
18) Hexachloroethane	7.298	117	9657	5.216	ng		92
19) n-Nitroso-di-n-propyla...	7.192	70	18551	5.651	ng		97
20) 3+4-Methylphenols	7.198	107	27745	5.862	ng	#	80
22) Acetophenone	7.192	105	38914	5.935	ng	#	89
24) Nitrobenzene	7.363	77	26604	5.195	ng		98
25) Isophorone	7.598	82	49426	5.313	ng		98
26) 2-Nitrophenol	7.681	139	12110	4.943	ng	#	88
27) 2,4-Dimethylphenol	7.722	122	16650	5.582	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	30481	5.391	ng		98
29) 2,4-Dichlorophenol	7.928	162	20661	5.380	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	22345	5.222	ng		95
31) Naphthalene	8.086	128	77998	5.427	ng		99
32) Benzoic acid	7.804	122	11049	3.828	ng		86
33) 4-Chloroaniline	8.139	127	24505	4.618	ng		97
34) Hexachlorobutadiene	8.204	225	13460	5.178	ng		99
35) Caprolactam	8.469	113	7054	5.568	ng		94
36) 4-Chloro-3-methylphenol	8.622	107	23603	5.460	ng		95
37) 2-Methylnaphthalene	8.775	142	50001	5.406	ng		100
38) 1-Methylnaphthalene	8.875	142	49520	5.457	ng		94
40) 1,2,4,5-Tetrachloroben...	8.945	216	24788	5.608	ng		99
41) Hexachlorocyclopentadiene	8.927	237	8531	10.581	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	13848	4.885	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	17748	5.619	ng		96
46) 1,1'-Biphenyl	9.239	154	69637	5.814	ng		99
47) 2-Chloronaphthalene	9.263	162	50376	5.533	ng		99
48) 2-Nitroaniline	9.363	65	14812	5.195	ng		97
49) Acenaphthylene	9.680	152	85979	6.178	ng		99
50) Dimethylphthalate	9.539	163	57777	5.542	ng		99
51) 2,6-Dinitrotoluene	9.604	165	12734	5.382	ng		93
52) Acenaphthene	9.851	154	48203	5.588	ng		98
53) 3-Nitroaniline	9.774	138	12463	4.973	ng		98
54) 2,4-Dinitrophenol	9.886	184	3665	6.400	ng	#	71
55) Dibenzofuran	10.027	168	76692	5.865	ng		98
56) 4-Nitrophenol	9.951	139	11874	7.018	ng		98
57) 2,4-Dinitrotoluene	10.010	165	16498	5.371	ng	#	91
58) Fluorene	10.369	166	62724	6.045	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	12906	5.308	ng		98
60) Diethylphthalate	10.245	149	61316	5.669	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	29314	5.812	ng		99
62) 4-Nitroaniline	10.386	138	11830m	4.896	ng		
63) Azobenzene	10.522	77	56739	5.616	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	4664	2.850	ng		92
66) n-Nitrosodiphenylamine	10.480	169	52802	5.691	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	17009	5.363	ng		94
68) Hexachlorobenzene	10.916	284	19557	5.533	ng		92
69) Atrazine	11.010	200	15873	6.689	ng		96
70) Pentachlorophenol	11.116	266	8757	5.315	ng		98
71) Phenanthrene	11.333	178	87045	5.940	ng		99
72) Anthracene	11.386	178	86433	5.824	ng		98
73) Carbazole	11.545	167	75826	5.419	ng		99
74) Di-n-butylphthalate	11.880	149	94312	5.524	ng		99
75) Fluoranthene	12.527	202	87685	5.594	ng		97
77) Benzidine	12.657	184	24528	4.873	ng		97
78) Pyrene	12.757	202	90294	5.388	ng		99
80) Butylbenzylphthalate	13.386	149	31673	5.194	ng		96
81) Benzo(a)anthracene	13.951	228	65853	5.556	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	15480	4.599	ng	#	98
83) Chrysene	13.986	228	61920	5.342	ng		96
84) Bis(2-ethylhexyl)phtha...	13.951	149	41511	5.411	ng	#	97
85) Di-n-octyl phthalate	14.562	149	58252	4.909	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	48022	5.098	ng		98
88) Benzo(b)fluoranthene	15.004	252	49076	5.632	ng		98
89) Benzo(k)fluoranthene	15.033	252	43761	5.314	ng		96
90) Benzo(a)pyrene	15.374	252	39883	5.422	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	40301	5.215	ng		99
92) Benzo(g,h,i)perylene	17.380	276	35654	4.504	ng		98

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

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