Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136579.D
Acq On : 14 Dec 2023 20:53
Operator : CG\JU
Sample : 05691-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 15 00:38:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	109885	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	431476	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	205526	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	337799	20.000	ng		0.00
76) Chrysene-d12	13.969	240	224934	20.000	ng		0.00
86) Perylene-d12	15.445	264	259611	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	781125	104.981	ng		0.02
7) Phenol-d6	6.446	99	944500	101.742	ng		0.01
23) Nitrobenzene-d5	7.351	82	586204	73.446	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	256811	101.340	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1155597	76.721	ng		0.00
79) Terphenyl-d14	12.910	244	1050996	61.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	108471	36.858	ng		98
3) Pyridine	3.387	79	269745	37.848	ng		96
4) n-Nitrosodimethylamine	3.352	42	131136	42.351	ng		99
6) Aniline	6.457	93	345303	36.805	ng	#	25
8) 2-Chlorophenol	6.581	128	357773	44.045	ng		98
9) Benzaldehyde	6.340	77	118156	22.622	ng		95
10) Phenol	6.457	94	410863	41.592	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	318342	43.235	ng		99
12) 1,3-Dichlorobenzene	6.728	146	376127	41.174	ng		98
13) 1,4-Dichlorobenzene	6.804	146	385098	41.557	ng		99
14) 1,2-Dichlorobenzene	6.957	146	362594	41.610	ng		98
15) Benzyl Alcohol	6.940	79	288639	46.432	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	375192	39.619	ng		93
17) 2-Methylphenol	7.051	107	274273	41.794	ng		93
18) Hexachloroethane	7.293	117	135109	41.761	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	226291	42.257	ng		100
20) 3+4-Methylphenols	7.204	107	344255	42.263	ng	#	87
22) Acetophenone	7.198	105	489781	45.968	ng	#	96
24) Nitrobenzene	7.375	77	334957	41.718	ng		92
25) Isophorone	7.610	82	627429	43.756	ng		98
26) 2-Nitrophenol	7.687	139	187741	47.563	ng		93
27) 2,4-Dimethylphenol	7.728	122	262549	53.943	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	394895	44.817	ng		98
29) 2,4-Dichlorophenol	7.934	162	287189	44.703	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	326467	43.580	ng		97
31) Naphthalene	8.087	128	1035949	43.538	ng		99
32) Benzoic acid	7.863	122	161280	33.403	ng		90
33) 4-Chloroaniline	8.140	127	213554	25.175	ng		99
34) Hexachlorobutadiene	8.204	225	189706	42.730	ng		99
35) Caprolactam	8.516	113	81848m	41.371	ng		
36) 4-Chloro-3-methylphenol	8.634	107	281692	41.296	ng		99
37) 2-Methylnaphthalene	8.781	142	645384	42.634	ng		95
38) 1-Methylnaphthalene	8.881	142	619330	41.694	ng		96
40) 1,2,4,5-Tetrachloroben...	8.945	216	328201	51.328	ng		98
41) Hexachlorocyclopentadiene	8.934	237	251028	105.969	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	198322	47.634	ng		97

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44) 2,4,5-Trichlorophenol	9.110	196	203138	43.715	ng		93
46) 1,1'-Biphenyl	9.245	154	843835	48.252	ng		97
47) 2-Chloronaphthalene	9.269	162	615202	45.198	ng		96
48) 2-Nitroaniline	9.375	65	162947	44.635	ng	#	81
49) Acenaphthylene	9.686	152	943113	48.640	ng		99
50) Dimethylphthalate	9.551	163	722608	47.755	ng		99
51) 2,6-Dinitrotoluene	9.616	165	156088	45.852	ng		98
52) Acenaphthene	9.857	154	559626	45.040	ng		96
53) 3-Nitroaniline	9.786	138	119031	34.241	ng		96
54) 2,4-Dinitrophenol	9.892	184	98243	57.080	ng		95
55) Dibenzofuran	10.034	168	820074	45.179	ng		98
56) 4-Nitrophenol	9.963	139	195458	75.004	ng		99
57) 2,4-Dinitrotoluene	10.022	165	195988	43.521	ng		100
58) Fluorene	10.375	166	631202	43.319	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	157051	42.193	ng		99
60) Diethylphthalate	10.257	149	672530	45.199	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	315488	44.415	ng		96
62) 4-Nitroaniline	10.404	138	131144	37.994	ng		99
63) Azobenzene	10.528	77	566708	41.844	ng		97
65) 4,6-Dinitro-2-methylph...	10.428	198	77961	37.266	ng		93
66) n-Nitrosodiphenylamine	10.492	169	548295	50.584	ng		97
67) 4-Bromophenyl-phenylether	10.857	248	193884	49.366	ng		93
68) Hexachlorobenzene	10.922	284	212920	46.906	ng		96
69) Atrazine	11.022	200	182533	59.002	ng		99
70) Pentachlorophenol	11.122	266	207556	81.017	ng		99
71) Phenanthrene	11.339	178	866308	46.659	ng		98
72) Anthracene	11.392	178	885221	47.336	ng		98
73) Carbazole	11.551	167	716783	43.306	ng		99
74) Di-n-butylphthalate	11.880	149	946947	46.669	ng		99
75) Fluoranthene	12.533	202	839227	43.132	ng		98
77) Benzidine	12.657	184	315697	51.467	ng		99
78) Pyrene	12.763	202	849986	38.585	ng		98
80) Butylbenzylphthalate	13.386	149	347675	44.335	ng		93
81) Benzo(a)anthracene	13.957	228	727628	46.440	ng		99
82) 3,3'-Dichlorobenzidine	13.922	252	253302	57.660	ng		99
83) Chrysene	13.992	228	716339	46.470	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	467113	48.589	ng		98
85) Di-n-octyl phthalate	14.569	149	797642	56.171	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	769392	42.659	ng		99
88) Benzo(b)fluoranthene	15.010	252	798446	44.982	ng		100
89) Benzo(k)fluoranthene	15.045	252	672119	40.179	ng		98
90) Benzo(a)pyrene	15.380	252	665676	45.411	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	638274	43.198	ng		99
92) Benzo(g,h,i)perylene	17.410	276	575163	37.925	ng		99

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

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