Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136580.D
Acq On : 14 Dec 2023 21:24
Operator : CG\JU
Sample : 05691-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMSD

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

Quant Time: Dec 15 00:38:55 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	113572	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	445911	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	215493	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	343898	20.000	ng		0.00
76) Chrysene-d12	13.968	240	234858	20.000	ng		0.00
86) Perylene-d12	15.445	264	274300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	742871	96.599	ng		0.02
7) Phenol-d6	6.445	99	927328	96.649	ng		0.01
23) Nitrobenzene-d5	7.351	82	564622	68.452	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	246526	92.782	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1127699	71.406	ng		0.00
79) Terphenyl-d14	12.910	244	1006419	56.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	106008	34.851	ng		97
3) Pyridine	3.387	79	261491	35.499	ng		93
4) n-Nitrosodimethylamine	3.351	42	124441	38.884	ng		97
6) Aniline	6.457	93	332459	34.286	ng	#	28
8) 2-Chlorophenol	6.581	128	344176	40.995	ng		97
9) Benzaldehyde	6.339	77	117073	21.516	ng		98
10) Phenol	6.457	94	400602	39.237	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	310484	40.798	ng		97
12) 1,3-Dichlorobenzene	6.728	146	363009	38.448	ng		98
13) 1,4-Dichlorobenzene	6.804	146	367218	38.341	ng		98
14) 1,2-Dichlorobenzene	6.957	146	347386	38.571	ng		98
15) Benzyl Alcohol	6.939	79	273385	42.550	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	361306	36.914	ng		93
17) 2-Methylphenol	7.051	107	267379	39.421	ng		93
18) Hexachloroethane	7.292	117	128122	38.315	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	215769	38.984	ng		99
20) 3+4-Methylphenols	7.204	107	328823	39.058	ng		90
22) Acetophenone	7.198	105	474936	43.132	ng	#	96
24) Nitrobenzene	7.375	77	329965	39.766	ng		94
25) Isophorone	7.610	82	602852	40.681	ng		98
26) 2-Nitrophenol	7.686	139	181873	44.584	ng		93
27) 2,4-Dimethylphenol	7.728	122	254534	50.603	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	382382	41.992	ng		98
29) 2,4-Dichlorophenol	7.933	162	276927	41.710	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	314522	40.626	ng		98
31) Naphthalene	8.092	128	989637	40.245	ng		99
32) Benzoic acid	7.857	122	144187	28.896	ng		96
33) 4-Chloroaniline	8.139	127	213103	24.308	ng		99
34) Hexachlorobutadiene	8.204	225	183044	39.895	ng		98
35) Caprolactam	8.516	113	77937m	38.119	ng		
36) 4-Chloro-3-methylphenol	8.633	107	276534	39.227	ng		98
37) 2-Methylnaphthalene	8.780	142	623852	39.878	ng		93
38) 1-Methylnaphthalene	8.880	142	600082	39.090	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	308781	46.057	ng		99
41) Hexachlorocyclopentadiene	8.933	237	230361	92.747	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	186384	42.696	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192625	39.536	ng		93
46) 1,1'-Biphenyl	9.245	154	817254	44.570	ng		97
47) 2-Chloronaphthalene	9.269	162	599738	42.024	ng		97
48) 2-Nitroaniline	9.369	65	159112	41.569	ng		97
49) Acenaphthylene	9.686	152	904232	44.477	ng		99
50) Dimethylphthalate	9.551	163	691070	43.559	ng		98
51) 2,6-Dinitrotoluene	9.616	165	148121	41.499	ng		97
52) Acenaphthene	9.857	154	540672	41.502	ng		95
53) 3-Nitroaniline	9.786	138	116050	31.840	ng		97
54) 2,4-Dinitrophenol	9.892	184	92907	51.483	ng		97
55) Dibenzofuran	10.033	168	803975	42.244	ng		98
56) 4-Nitrophenol	9.963	139	188282	68.909	ng		94
57) 2,4-Dinitrotoluene	10.022	165	189980	40.236	ng		97
58) Fluorene	10.374	166	604764	39.585	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	152223	39.005	ng		98
60) Diethylphthalate	10.251	149	642879	41.208	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	304313	40.860	ng		95
62) 4-Nitroaniline	10.398	138	123665	34.170	ng		96
63) Azobenzene	10.527	77	543284	38.259	ng		97
65) 4,6-Dinitro-2-methylph...	10.427	198	72646	34.109	ng		92
66) n-Nitrosodiphenylamine	10.492	169	525478	47.619	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	181508	45.396	ng	#	90
68) Hexachlorobenzene	10.922	284	211751	45.822	ng		94
69) Atrazine	11.022	200	173969	55.236	ng		98
70) Pentachlorophenol	11.121	266	201046	77.084	ng		98
71) Phenanthrene	11.339	178	831332	43.981	ng		99
72) Anthracene	11.392	178	851385	44.719	ng		98
73) Carbazole	11.551	167	684317	40.611	ng		99
74) Di-n-butylphthalate	11.886	149	905963	43.857	ng		100
75) Fluoranthene	12.533	202	815274	41.158	ng		98
77) Benzidine	12.657	184	322147	50.794	ng		98
78) Pyrene	12.763	202	822391	35.754	ng		98
80) Butylbenzylphthalate	13.392	149	337114	41.172	ng		99
81) Benzo(a)anthracene	13.957	228	717263	43.844	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	248912	54.267	ng		99
83) Chrysene	13.998	228	692983	43.055	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	447480	44.580	ng		100
85) Di-n-octyl phthalate	14.568	149	769719	51.914	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	743245	39.003	ng		99
88) Benzo(b)fluoranthene	15.009	252	762156	40.638	ng		98
89) Benzo(k)fluoranthene	15.045	252	662463	37.481	ng		98
90) Benzo(a)pyrene	15.380	252	652796	42.147	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	622291	39.861	ng		100
92) Benzo(g,h,i)perylene	17.403	276	565973	35.321	ng		100

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

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