Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
Data File : BF135472.D
Acq On : 27 Sep 2023 15:00
Operator : CG\JU
Sample : 04441-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

Quant Time: Sep 28 01:46:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	172362	20.000	ng		0.00
21) Naphthalene-d8	8.033	136	634619	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	298285	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	506738	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	274600	20.000	ng		0.00
86) Perylene-d12	15.415	264	357194	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1230654	116.127	ng		0.02
7) Phenol-d6	6.410	99	1530995	113.615	ng		0.00
23) Nitrobenzene-d5	7.328	82	972855	83.286	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	296313	99.963	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1540700	77.928	ng		0.00
79) Terphenyl-d14	12.880	244	1220927	68.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	154154	33.182	ng		92
3) Pyridine	3.298	79	444657	35.563	ng		91
4) n-Nitrosodimethylamine	3.251	42	306562	46.204	ng		92
6) Aniline	6.422	93	544484	30.813	ng	#	16
8) 2-Chlorophenol	6.545	128	543042	48.002	ng		98
9) Benzaldehyde	6.310	77	163162	21.254	ng		97
10) Phenol	6.422	94	622558	42.132	ng		84
11) bis(2-Chloroethyl)ether	6.498	93	537963	48.536	ng		98
12) 1,3-Dichlorobenzene	6.698	146	505753	43.990	ng		98
13) 1,4-Dichlorobenzene	6.775	146	517479	44.240	ng		99
14) 1,2-Dichlorobenzene	6.922	146	492759	45.362	ng		99
15) Benzyl Alcohol	6.910	79	436158	45.106	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.033	45	970226	46.440	ng		84
17) 2-Methylphenol	7.022	107	427201	42.792	ng		94
18) Hexachloroethane	7.263	117	196812	45.537	ng		96
19) n-Nitroso-di-n-propyla...	7.175	70	339966	40.731	ng		95
20) 3+4-Methylphenols	7.181	107	487164	40.582	ng	#	74
22) Acetophenone	7.169	105	668245	46.057	ng		95
24) Nitrobenzene	7.345	77	560526	48.550	ng		98
25) Isophorone	7.580	82	1052040	49.048	ng		98
26) 2-Nitrophenol	7.657	139	291719	52.646	ng		96
27) 2,4-Dimethylphenol	7.698	122	418570	44.940	ng		98
28) bis(2-Chloroethoxy)met...	7.792	93	656803	51.161	ng		99
29) 2,4-Dichlorophenol	7.904	162	415512	48.144	ng		98
30) 1,2,4-Trichlorobenzene	7.980	180	432107	47.901	ng		99
31) Naphthalene	8.057	128	1456983	47.252	ng		99
32) Benzoic acid	7.851	122	334592	47.706	ng		99
33) 4-Chloroaniline	8.116	127	483240	35.721	ng		98
34) Hexachlorobutadiene	8.169	225	242626	44.605	ng		99
35) Caprolactam	8.492	113	138001m	47.643	ng		
36) 4-Chloro-3-methylphenol	8.610	107	449343	46.845	ng		95
37) 2-Methylnaphthalene	8.751	142	909493	43.880	ng		98
38) 1-Methylnaphthalene	8.851	142	858157	44.223	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	421847	48.816	ng		99
41) Hexachlorocyclopentadiene	8.898	237	214866	58.605	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	272660	48.190	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	293980	45.118	ng		98
46) 1,1'-Biphenyl	9.216	154	1113211	48.564	ng		97
47) 2-Chloronaphthalene	9.245	162	831106	49.971	ng		100
48) 2-Nitroaniline	9.345	65	326422	50.519	ng		96
49) Acenaphthylene	9.657	152	1344808	48.653	ng		99
50) Dimethylphthalate	9.522	163	974989	48.346	ng		100
51) 2,6-Dinitrotoluene	9.592	165	216275	48.954	ng		91
52) Acenaphthene	9.827	154	782906	47.947	ng		98
53) 3-Nitroaniline	9.763	138	208802	40.263	ng		95
54) 2,4-Dinitrophenol	9.880	184	195454	78.092	ng		95
55) Dibenzofuran	10.004	168	1091679	43.812	ng		98
56) 4-Nitrophenol	9.945	139	262932	79.775	ng		95
57) 2,4-Dinitrotoluene	10.004	165	235926	42.656	ng		88
58) Fluorene	10.345	166	864972	45.155	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	228887	45.666	ng		99
60) Diethylphthalate	10.227	149	933229	46.109	ng		100
61) 4-Chlorophenyl-phenyle...	10.339	204	400685	43.545	ng		93
62) 4-Nitroaniline	10.380	138	216834	43.498	ng		97
63) Azobenzene	10.498	77	970364	48.988	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	131875	48.998	ng		93
66) n-Nitrosodiphenylamine	10.463	169	790057	51.499	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	252154	50.032	ng		96
68) Hexachlorobenzene	10.898	284	262588	51.142	ng		95
69) Atrazine	10.998	200	229538	55.606	ng		97
70) Pentachlorophenol	11.098	266	232050	75.538	ng		98
71) Phenanthrene	11.316	178	1211240	50.539	ng		99
72) Anthracene	11.368	178	1189795	48.297	ng		99
73) Carbazole	11.527	167	1090019	48.606	ng		99
74) Di-n-butylphthalate	11.857	149	1351469	51.143	ng		100
75) Fluoranthene	12.510	202	1180306	47.263	ng		99
77) Benzidine	12.633	184	412170	73.266	ng		100
78) Pyrene	12.739	202	1172969	44.866	ng		100
80) Butylbenzylphthalate	13.362	149	472304	51.310	ng		99
81) Benzo(a)anthracene	13.939	228	912724	51.474	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	305474	55.154	ng		99
83) Chrysene	13.974	228	880068	49.921	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	593430	62.825	ng		98
85) Di-n-octyl phthalate	14.545	149	1112670	74.123	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.903	276	1016300	43.395	ng		96
88) Benzo(b)fluoranthene	14.992	252	983124m	50.844	ng		
89) Benzo(k)fluoranthene	15.021	252	862306	45.145	ng		98
90) Benzo(a)pyrene	15.356	252	870605	47.214	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	829022	43.262	ng		99
92) Benzo(g,h,i)perylene	17.356	276	794644	39.707	ng		98

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

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