Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137396.D
Acq On : 26 Feb 2024 20:31
Operator : CG\JU
Sample : P1538-16MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 27 00:59:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
02/27/2024
Supervised By :mohammad ahmed
02/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	207541	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	782513	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	383489	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	536882	20.000	ng		-0.02
76) Chrysene-d12	13.968	240	353320	20.000	ng		-0.01
86) Perylene-d12	15.445	264	426375	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	104299	7.754	ng		0.00
7) Phenol-d6	6.422	99	634918	32.090	ng		-0.02
23) Nitrobenzene-d5	7.345	82	1083976	69.158	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	11884	3.559	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1440831	58.493	ng		-0.02
79) Terphenyl-d14	12.910	244	1213656	48.045	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	327101	44.394	ng		99
3) Pyridine	3.363	79	768999	41.176	ng		99
4) n-Nitrosodimethylamine	3.340	42	362008	50.752	ng		98
6) Aniline	6.451	93	516083	21.995	ng		93
8) 2-Chlorophenol	6.569	128	702142	48.671	ng		100
9) Benzaldehyde	6.334	77	109527	11.498	ng		90
10) Phenol	6.440	94	1001186	46.236	ng		99
11) bis(2-Chloroethyl)ether	6.522	93	769267	48.890	ng		97
12) 1,3-Dichlorobenzene	6.722	146	744166	48.036	ng		99
13) 1,4-Dichlorobenzene	6.798	146	764550	47.934	ng		99
14) 1,2-Dichlorobenzene	6.951	146	719294	48.754	ng		98
15) Benzyl Alcohol	6.928	79	649149	55.040	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1241094	47.455	ng		99
17) 2-Methylphenol	7.045	107	560945	41.096	ng		97
18) Hexachloroethane	7.292	117	254514	46.306	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	531286	43.575	ng		97
20) 3+4-Methylphenols	7.198	107	672146	43.204	ng	#	91
22) Acetophenone	7.192	105	951019	50.119	ng	#	96
24) Nitrobenzene	7.369	77	808129	50.741	ng		99
25) Isophorone	7.604	82	1536488	47.403	ng		99
26) 2-Nitrophenol	7.681	139	351323	57.140	ng		97
27) 2,4-Dimethylphenol	7.722	122	498718	41.836	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	914742	48.962	ng		99
29) 2,4-Dichlorophenol	7.922	162	546733	48.935	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	590940	49.276	ng		100
31) Naphthalene	8.087	128	1969832	46.908	ng		99
32) Benzoic acid	7.857	122	354970	48.567	ng		95
33) 4-Chloroaniline	8.139	127	121664	7.617	ng		96
34) Hexachlorobutadiene	8.198	225	348464	48.912	ng		98
35) Caprolactam	8.510	113	161107m	46.628	ng		
36) 4-Chloro-3-methylphenol	8.628	107	569283	44.944	ng		97
37) 2-Methylnaphthalene	8.775	142	1168912	43.198	ng		99
38) 1-Methylnaphthalene	8.875	142	1091792	42.675	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	564245	53.420	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	354710	51.794	ng		99
44) 2,4,5-Trichlorophenol	9.104	196	348960	44.414	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.245	154	1412516	50.572	ng		97
47) 2-Chloronaphthalene	9.263	162	1076268	51.024	ng		98
48) 2-Nitroaniline	9.369	65	343087	53.063	ng		96
49) Acenaphthylene	9.681	152	1680951	49.049	ng		99
50) Dimethylphthalate	9.551	163	1278481	48.247	ng		98
51) 2,6-Dinitrotoluene	9.610	165	261846	53.115	ng		90
52) Acenaphthene	9.851	154	953863	46.627	ng		99
53) 3-Nitroaniline	9.781	138	167659	30.660	ng		98
54) 2,4-Dinitrophenol	9.886	184	165600	69.142	ng		94
55) Dibenzofuran	10.028	168	1443777	45.663	ng		100
56) 4-Nitrophenol	9.945	139	325227	78.014	ng		93
57) 2,4-Dinitrotoluene	10.016	165	318036	50.960	ng		95
58) Fluorene	10.369	166	1043237	43.205	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	243526m	37.429	ng		
60) Diethylphthalate	10.251	149	1179929	47.692	ng		100
61) 4-Chlorophenyl-phenyle...	10.363	204	514607	43.325	ng		98
62) 4-Nitroaniline	10.398	138	196790	38.305	ng		99
63) Azobenzene	10.528	77	1306377	44.134	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	124566	47.501	ng		84
66) n-Nitrosodiphenylamine	10.486	169	916822	52.581	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	301511	52.240	ng		93
68) Hexachlorobenzene	10.916	284	309319	51.807	ng		96
69) Atrazine	11.022	200	244290	51.915	ng		98
70) Pentachlorophenol	11.116	266	294047	77.732	ng		99
71) Phenanthrene	11.339	178	1416789	47.831	ng		99
72) Anthracene	11.386	178	1453746	47.624	ng		100
73) Carbazole	11.545	167	1169359	44.836	ng		99
74) Di-n-butylphthalate	11.886	149	1563097	59.896	ng		100
75) Fluoranthene	12.545	202	1279193	44.242	ng		99
77) Benzidine	12.663	184	131692	25.610	ng		99
78) Pyrene	12.763	202	1323140	39.604	ng		100
80) Butylbenzylphthalate	13.392	149	310784	58.475	ng		94
81) Benzo(a)anthracene	13.957	228	1240744	50.607	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	316239	54.546	ng		99
83) Chrysene	13.992	228	1226937	48.988	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	503726	69.479	ng		100
85) Di-n-octyl phthalate	14.580	149	1113864	76.121	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.945	276	1109482	37.986	ng		100
88) Benzo(b)fluoranthene	15.015	252	1335213	51.048	ng		99
89) Benzo(k)fluoranthene	15.045	252	1278261	46.628	ng		99
90) Benzo(a)pyrene	15.386	252	1227500	49.476	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	896398	37.406	ng		96
92) Benzo(g,h,i)perylene	17.398	276	802205	32.764	ng		99

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

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