

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135353.D
 Acq On : 20 Sep 2023 12:58
 Operator : CG\JU
 Sample : 04460-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDEMSD

Quant Time: Sep 20 13:38:19 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 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	137580	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	530342	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	263989	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	488427	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	233998	20.000	ng	0.00
86) Perylene-d12	15.410	264	280712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1028587	121.598	ng	0.02
7) Phenol-d6	6.410	99	1244570	115.709	ng	0.00
23) Nitrobenzene-d5	7.328	82	898254	92.019	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	319830	121.914	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1481547	84.672	ng	0.00
79) Terphenyl-d14	12.886	244	1398975	92.679	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	168767	45.512	ng	# 82
3) Pyridine	3.410	79	391125	39.190	ng	98
4) n-Nitrosodimethylamine	3.346	42	272484	51.450	ng	97
6) Aniline	6.428	93	270751	19.196	ng	# 1
8) 2-Chlorophenol	6.551	128	441796	48.926	ng	96
9) Benzaldehyde	6.316	77	83546	13.635	ng	96
10) Phenol	6.422	94	466840	39.581	ng	92
11) bis(2-Chloroethyl)ether	6.504	93	438697	49.587	ng	99
12) 1,3-Dichlorobenzene	6.698	146	425954	46.415	ng	99
13) 1,4-Dichlorobenzene	6.775	146	436360	46.736	ng	98
14) 1,2-Dichlorobenzene	6.928	146	402687	46.443	ng	98
15) Benzyl Alcohol	6.910	79	363069	47.039	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	789493	47.343	ng	71
17) 2-Methylphenol	7.028	107	349008	43.798	ng	# 90
18) Hexachloroethane	7.263	117	161936	46.940	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	285689	42.882	ng	96
20) 3+4-Methylphenols	7.181	107	407189	42.495	ng	# 81
22) Acetophenone	7.175	105	560792	46.251	ng	98
24) Nitrobenzene	7.345	77	460080	47.685	ng	100
25) Isophorone	7.587	82	851307	47.493	ng	99
26) 2-Nitrophenol	7.657	139	232805	50.274	ng	99
27) 2,4-Dimethylphenol	7.704	122	355161	45.629	ng	97
28) bis(2-Chloroethoxy)met...	7.792	93	532465	49.630	ng	99
29) 2,4-Dichlorophenol	7.904	162	351830	48.781	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	361676	47.976	ng	99
31) Naphthalene	8.057	128	1207437	46.858	ng	99
32) Benzoic acid	7.834	122	196927	33.599	ng	99
33) 4-Chloroaniline	8.110	127	149018	13.181	ng	99
34) Hexachlorobutadiene	8.169	225	204577	45.005	ng	97
35) Caprolactam	8.498	113	111327m	45.991	ng	
36) 4-Chloro-3-methylphenol	8.610	107	390320	48.692	ng	99
37) 2-Methylnaphthalene	8.751	142	767690	44.321	ng	99
38) 1-Methylnaphthalene	8.851	142	736627	45.424	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	357389	46.730	ng	99
41) Hexachlorocyclopentadiene	8.898	237	203317	62.148	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	246584	49.243	ng	100

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44) 2,4,5-Trichlorophenol	9.086	196	265048	45.962	ng	98
46) 1,1'-Biphenyl	9.222	154	963041	47.470	ng	99
47) 2-Chloronaphthalene	9.245	162	720486	48.948	ng	99
48) 2-Nitroaniline	9.351	65	284558	49.761	ng	95
49) Acenaphthylene	9.663	152	1186566	48.505	ng	99
50) Dimethylphthalate	9.528	163	861472	48.266	ng	100
51) 2,6-Dinitrotoluene	9.592	165	192486	49.229	ng	95
52) Acenaphthene	9.834	154	694847	48.082	ng	97
53) 3-Nitroaniline	9.763	138	116671	25.420	ng	88
54) 2,4-Dinitrophenol	9.875	184	117433	55.021	ng	92
55) Dibenzofuran	10.004	168	972262	44.089	ng	95
56) 4-Nitrophenol	9.945	139	252405	86.530	ng	99
57) 2,4-Dinitrotoluene	10.004	165	221949	45.342	ng	# 86
58) Fluorene	10.351	166	784199	46.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	215156	48.503	ng	99
60) Diethylphthalate	10.228	149	845222	47.186	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	357534	43.903	ng	98
62) 4-Nitroaniline	10.381	138	207627m	47.062	ng	
63) Azobenzene	10.504	77	854038	48.716	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	98101	37.816	ng	89
66) n-Nitrosodiphenylamine	10.463	169	728989	49.299	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	231329	47.620	ng	96
68) Hexachlorobenzene	10.898	284	244018	49.307	ng	# 90
69) Atrazine	10.998	200	230159	57.847	ng	99
70) Pentachlorophenol	11.098	266	247673	83.646	ng	98
71) Phenanthrene	11.316	178	1128699	48.860	ng	99
72) Anthracene	11.369	178	1146351	48.278	ng	100
73) Carbazole	11.528	167	1078472	49.894	ng	99
74) Di-n-butylphthalate	11.857	149	1292727	50.754	ng	99
75) Fluoranthene	12.510	202	1150569	47.800	ng	100
77) Benzidine	12.633	184	335555	69.997	ng	99
78) Pyrene	12.739	202	1150546	51.644	ng	100
80) Butylbenzylphthalate	13.363	149	480651	61.277	ng	94
81) Benzo(a)anthracene	13.933	228	732634	48.487	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	156059	33.066	ng	# 97
83) Chrysene	13.974	228	741892	49.385	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	570574	70.886	ng	100
85) Di-n-octyl phthalate	14.545	149	892859	69.800	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	949194	51.572	ng	97
88) Benzo(b)fluoranthene	14.986	252	716505	47.151	ng	# 97
89) Benzo(k)fluoranthene	15.016	252	684111m	45.574	ng	
90) Benzo(a)pyrene	15.351	252	673349	46.466	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	763540	50.701	ng	100
92) Benzo(g,h,i)perylene	17.351	276	797707	50.720	ng	97

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

