

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135944.D
 Acq On : 25 Oct 2023 16:49
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 03:58:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	175605	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	677904	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	338239	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	613544	20.000	ng	0.00
76) Chrysene-d12	14.010	240	413784	20.000	ng	0.00
86) Perylene-d12	15.486	264	388575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	912683	80.256	ng	0.00
7) Phenol-d6	6.457	99	1130310	79.836	ng	0.00
23) Nitrobenzene-d5	7.387	82	909206	86.425	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	271973	91.864	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1662601	78.709	ng	0.00
79) Terphenyl-d14	12.951	244	1985260	80.161	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	210122	39.776	ng	99
3) Pyridine	3.363	79	585508	40.156	ng	100
4) n-Nitrosodimethylamine	3.334	42	254538	40.036	ng	99
6) Aniline	6.493	93	751983	39.446	ng	99
8) 2-Chlorophenol	6.610	128	471098	40.016	ng	97
9) Benzaldehyde	6.375	77	308049	40.222	ng	97
10) Phenol	6.469	94	589325m	39.816	ng	
11) bis(2-Chloroethyl)ether	6.569	93	452378	39.266	ng	100
12) 1,3-Dichlorobenzene	6.763	146	491200	39.281	ng	99
13) 1,4-Dichlorobenzene	6.840	146	493319	39.280	ng	98
14) 1,2-Dichlorobenzene	6.993	146	460456	39.482	ng	97
15) Benzyl Alcohol	6.963	79	405803	40.546	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	660551	38.933	ng	99
17) 2-Methylphenol	7.075	107	409971	39.511	ng	98
18) Hexachloroethane	7.334	117	172610	40.420	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	318153	39.517	ng	99
20) 3+4-Methylphenols	7.228	107	501515	40.048	ng	99
22) Acetophenone	7.234	105	617092	40.304	ng	99
24) Nitrobenzene	7.410	77	472406	42.398	ng	98
25) Isophorone	7.645	82	862461	40.249	ng	99
26) 2-Nitrophenol	7.722	139	181999	47.175	ng	95
27) 2,4-Dimethylphenol	7.757	122	401192	41.080	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	534612	40.629	ng	100
29) 2,4-Dichlorophenol	7.957	162	376854	43.092	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	404877	40.890	ng	100
31) Naphthalene	8.128	128	1336810	40.787	ng	100
32) Benzoic acid	7.869	122	221113	47.600	ng	93
33) 4-Chloroaniline	8.175	127	579243	39.986	ng	99
34) Hexachlorobutadiene	8.245	225	228726	40.983	ng	99
35) Caprolactam	8.551	113	124781	42.877	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	390391	42.006	ng	99
37) 2-Methylnaphthalene	8.816	142	872945	40.255	ng	100
38) 1-Methylnaphthalene	8.916	142	823360	40.634	ng	98
40) 1,2,4,5-Tetrachloroben...	8.981	216	392141	41.048	ng	99
41) Hexachlorocyclopentadiene	8.975	237	214355	45.505	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	250827	44.859	ng	99

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44) 2,4,5-Trichlorophenol	9.128	196	293944	44.277	ng	98
46) 1,1'-Biphenyl	9.287	154	1050319	40.981	ng	99
47) 2-Chloronaphthalene	9.310	162	775425	40.904	ng	99
48) 2-Nitroaniline	9.404	65	232404	45.531	ng	99
49) Acenaphthylene	9.728	152	1227734	41.052	ng	100
50) Dimethylphthalate	9.592	163	894738	40.791	ng	99
51) 2,6-Dinitrotoluene	9.645	165	190612	42.533	ng	97
52) Acenaphthene	9.898	154	793868	41.420	ng	99
53) 3-Nitroaniline	9.816	138	229309	42.699	ng	96
54) 2,4-Dinitrophenol	9.916	184	51760	47.214	ng	97
55) Dibenzofuran	10.069	168	1120251	40.459	ng	100
56) 4-Nitrophenol	9.969	139	176640	43.018	ng	99
57) 2,4-Dinitrotoluene	10.051	165	243734	43.871	ng	98
58) Fluorene	10.416	166	833143	40.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	226620	45.364	ng	98
60) Diethylphthalate	10.292	149	852072	40.737	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	403141	40.344	ng	99
62) 4-Nitroaniline	10.434	138	223846	42.172	ng	97
63) Azobenzene	10.569	77	859828	40.507	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	89268	46.111	ng	98
66) n-Nitrosodiphenylamine	10.528	169	772338	41.669	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	261199	41.570	ng	99
68) Hexachlorobenzene	10.957	284	278249	41.455	ng	99
69) Atrazine	11.057	200	205278	40.626	ng	100
70) Pentachlorophenol	11.151	266	176303	43.464	ng	100
71) Phenanthrene	11.381	178	1275237	41.083	ng	100
72) Anthracene	11.433	178	1334972	42.002	ng	99
73) Carbazole	11.586	167	1166611	41.147	ng	99
74) Di-n-butylphthalate	11.928	149	1270800	42.121	ng	100
75) Fluoranthene	12.569	202	1364360	41.779	ng	96
77) Benzidine	12.698	184	334429	41.915	ng	98
78) Pyrene	12.798	202	1396273	40.189	ng	100
80) Butylbenzylphthalate	13.433	149	527819	40.821	ng	93
81) Benzo(a)anthracene	13.998	228	1174552	41.747	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	361506	42.234	ng	98
83) Chrysene	14.033	228	1137694	41.518	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	638862	44.717	ng	# 99
85) Di-n-octyl phthalate	14.621	149	1039273	46.178	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	969236	43.989	ng	100
88) Benzo(b)fluoranthene	15.051	252	960591	41.539	ng	98
89) Benzo(k)fluoranthene	15.086	252	921657	40.581	ng	99
90) Benzo(a)pyrene	15.427	252	879457	41.264	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	800868	42.494	ng	99
92) Benzo(g,h,i)perylene	17.457	276	827549	39.354	ng	99

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

