

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135962.D
 Acq On : 26 Oct 2023 14:31
 Operator : CG\JU
 Sample : 05015-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 14:50:06 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	173858	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	691072	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	359004	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	649262	20.000	ng	0.00
76) Chrysene-d12	14.010	240	311553	20.000	ng	0.00
86) Perylene-d12	15.492	264	381876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	959364	85.208	ng	0.00
7) Phenol-d6	6.457	99	1215329	86.704	ng	0.00
23) Nitrobenzene-d5	7.387	82	688094	66.682	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	332599	105.844	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1307840	58.333	ng	0.00
79) Terphenyl-d14	12.951	244	1344312	72.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	209876	40.128	ng	99
3) Pyridine	3.422	79	505674	35.029	ng	99
4) n-Nitrosodimethylamine	3.399	42	258881	41.128	ng	96
6) Aniline	6.487	93	464889	24.631	ng	100
8) 2-Chlorophenol	6.610	128	548660	47.072	ng	97
9) Benzaldehyde	6.375	77	161992	21.364	ng	97
10) Phenol	6.469	94	669508m	45.688	ng	
11) bis(2-Chloroethyl)ether	6.563	93	521629	45.732	ng	96
12) 1,3-Dichlorobenzene	6.763	146	564079	45.562	ng	100
13) 1,4-Dichlorobenzene	6.845	146	570718	45.900	ng	98
14) 1,2-Dichlorobenzene	6.993	146	545676	47.260	ng	99
15) Benzyl Alcohol	6.969	79	436292	44.030	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	756317	45.025	ng	98
17) 2-Methylphenol	7.081	107	429400	41.800	ng	98
18) Hexachloroethane	7.334	117	204247	48.309	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	354930	44.528	ng	95
20) 3+4-Methylphenols	7.234	107	517611	41.748	ng	# 75
22) Acetophenone	7.234	105	711229	45.567	ng	99
24) Nitrobenzene	7.410	77	535319	46.841	ng	98
25) Isophorone	7.645	82	1015572	46.492	ng	100
26) 2-Nitrophenol	7.722	139	241903	55.931	ng	99
27) 2,4-Dimethylphenol	7.763	122	424772	42.666	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	631125	47.050	ng	99
29) 2,4-Dichlorophenol	7.963	162	443326	49.727	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	480225	47.575	ng	100
31) Naphthalene	8.128	128	1510006	45.194	ng	100
32) Benzoic acid	7.881	122	297606	56.269	ng	91
33) 4-Chloroaniline	8.175	127	143171	9.695	ng	97
34) Hexachlorobutadiene	8.245	225	271185	47.665	ng	99
35) Caprolactam	8.557	113	151822m	51.174	ng	
36) 4-Chloro-3-methylphenol	8.657	107	473163	49.943	ng	99
37) 2-Methylnaphthalene	8.822	142	977136	44.202	ng	100
38) 1-Methylnaphthalene	8.922	142	944715	45.735	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	455966	44.968	ng	99
41) Hexachlorocyclopentadiene	8.975	237	494899	98.985	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	305757	51.521	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	332894	47.244	ng	95
46) 1,1'-Biphenyl	9.287	154	1243450	45.710	ng	99
47) 2-Chloronaphthalene	9.310	162	932617	46.351	ng	97
48) 2-Nitroaniline	9.404	65	281440	50.588	ng	99
49) Acenaphthylene	9.728	152	1480099	46.628	ng	99
50) Dimethylphthalate	9.592	163	1085854	46.641	ng	99
51) 2,6-Dinitrotoluene	9.651	165	240034	49.556	ng	89
52) Acenaphthene	9.898	154	992848	48.805	ng	99
53) 3-Nitroaniline	9.816	138	148987	27.907	ng	95
54) 2,4-Dinitrophenol	9.922	184	153289	81.939	ng	97
55) Dibenzofuran	10.075	168	1359343	46.254	ng	98
56) 4-Nitrophenol	9.981	139	410017	86.737	ng	97
57) 2,4-Dinitrotoluene	10.057	165	308426	51.184	ng	97
58) Fluorene	10.416	166	1013585	46.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	274715	51.811	ng	99
60) Diethylphthalate	10.298	149	1041622	46.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	474962	44.782	ng	97
62) 4-Nitroaniline	10.433	138	248621	43.915	ng	95
63) Azobenzene	10.569	77	1015340	45.067	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	115642	52.503	ng	98
66) n-Nitrosodiphenylamine	10.533	169	913606	46.579	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	317105	47.691	ng	94
68) Hexachlorobenzene	10.963	284	354959	49.974	ng	92
69) Atrazine	11.063	200	308497	57.696	ng	99
70) Pentachlorophenol	11.157	266	376325	83.376	ng	99
71) Phenanthrene	11.380	178	1645159	50.084	ng	99
72) Anthracene	11.433	178	1536615	45.687	ng	99
73) Carbazole	11.586	167	1353498	45.112	ng	99
74) Di-n-butylphthalate	11.928	149	1554043	48.676	ng	100
75) Fluoranthene	12.575	202	1627963	47.109	ng	98
77) Benzidine	12.698	184	438427	72.981	ng	99
78) Pyrene	12.804	202	1544948	59.059	ng	100
80) Butylbenzylphthalate	13.439	149	494209	49.831	ng	98
81) Benzo(a)anthracene	13.998	228	1049241	49.530	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	168218	26.101	ng	98
83) Chrysene	14.033	228	986173	47.798	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	548204	50.963	ng	100
85) Di-n-octyl phthalate	14.621	149	927662	54.744	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1252576	57.846	ng	99
88) Benzo(b)fluoranthene	15.057	252	1137505	50.052	ng	100
89) Benzo(k)fluoranthene	15.086	252	902804	40.448	ng	100
90) Benzo(a)pyrene	15.427	252	954281	45.560	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1014510	54.774	ng	99
92) Benzo(g,h,i)perylene	17.462	276	977499	46.542	ng	99

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

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