

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133331.D
 Acq On : 10 May 2023 15:26
 Operator : CG\JU
 Sample : 02719-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 16:30:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	200436	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	808059	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	398071	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	665484	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	334651	20.000	ng	0.00
86) Perylene-d12	15.298	264	462458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1585222	119.472	ng	0.02
7) Phenol-d6	6.375	99	1888685	114.681	ng	0.00
23) Nitrobenzene-d5	7.293	82	1180765	78.873	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	384500	96.044	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1908956	80.229	ng	0.00
79) Terphenyl-d14	12.827	244	1660734	85.588	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.434	88	254313	41.322	ng	Qvalue 97
3) Pyridine	3.134	79	653846	40.000	ng	95
4) n-Nitrosodimethylamine	3.093	42	359904	42.508	ng	99
6) Aniline	6.387	93	588503	27.744	ng	# 17
8) 2-Chlorophenol	6.510	128	657094	48.775	ng	98
10) Phenol	6.387	94	763560	42.027	ng	74
11) bis(2-Chloroethyl)ether	6.463	93	625144	45.853	ng	97
12) 1,3-Dichlorobenzene	6.663	146	688376	48.061	ng	99
13) 1,4-Dichlorobenzene	6.740	146	700240	48.781	ng	100
14) 1,2-Dichlorobenzene	6.893	146	654403	49.448	ng	98
15) Benzyl Alcohol	6.875	79	534075	46.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	971902	41.043	ng	84
17) 2-Methylphenol	6.993	107	521466	42.272	ng	97
18) Hexachloroethane	7.234	117	237057	47.499	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	410606	40.048	ng	98
20) 3+4-Methylphenols	7.145	107	634957	43.707	ng	# 78
22) Acetophenone	7.140	105	864585	46.189	ng	96
24) Nitrobenzene	7.310	77	650548	42.884	ng	98
25) Isophorone	7.551	82	1202963	42.322	ng	99
26) 2-Nitrophenol	7.628	139	364196	49.774	ng	94
27) 2,4-Dimethylphenol	7.675	122	587232	46.804	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	728289	43.311	ng	98
29) 2,4-Dichlorophenol	7.875	162	521672	45.674	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	541868	45.794	ng	99
31) Naphthalene	8.034	128	1766711	43.730	ng	100
33) 4-Chloroaniline	8.081	127	372267	22.806	ng	98
34) Hexachlorobutadiene	8.151	225	297860	45.418	ng	98
35) Caprolactam	8.445	113	152557m	39.760	ng	
36) 4-Chloro-3-methylphenol	8.575	107	540031	43.845	ng	98
37) 2-Methylnaphthalene	8.722	142	1164538	42.162	ng	99
38) 1-Methylnaphthalene	8.822	142	1089063	42.148	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	480741	44.916	ng	98
41) Hexachlorocyclopentadiene	8.875	237	550090	88.127	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	320270	43.269	ng	99
44) 2,4,5-Trichlorophenol	9.051	196	329559	38.498	ng	96
46) 1,1'-Biphenyl	9.187	154	1402855	44.443	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.210	162	1068838	46.263	ng	99
48) 2-Nitroaniline	9.310	65	340731	44.624	ng	99
49) Acenaphthylene	9.622	152	1650176	44.701	ng	99
50) Dimethylphthalate	9.492	163	1217358	43.858	ng	99
51) 2,6-Dinitrotoluene	9.551	165	281308	45.029	ng	94
52) Acenaphthene	9.798	154	1033601m	41.804	ng	
53) 3-Nitroaniline	9.716	138	227711	30.655	ng	97
54) 2,4-Dinitrophenol	9.828	184	50561	16.101	ng	98
55) Dibenzofuran	9.969	168	1473663	43.694	ng	100
56) 4-Nitrophenol	9.892	139	365813	63.583	ng	90
57) 2,4-Dinitrotoluene	9.957	165	360020	45.188	ng	87
58) Fluorene	10.310	166	1078942	43.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	225748	34.016	ng	99
60) Diethylphthalate	10.186	149	1128934	43.060	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	515869	42.841	ng	100
62) 4-Nitroaniline	10.334	138	313404	45.905	ng	98
63) Azobenzene	10.463	77	1205572	43.407	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	83058	20.591	ng	80
66) n-Nitrosodiphenylamine	10.422	169	981896	45.486	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	317479	43.987	ng	99
68) Hexachlorobenzene	10.857	284	339358	45.886	ng	92
69) Atrazine	10.951	200	312961	50.315	ng	97
70) Pentachlorophenol	11.051	266	181825	34.520	ng	98
71) Phenanthrene	11.269	178	1580829	44.197	ng	99
72) Anthracene	11.322	178	1582639	43.236	ng	99
73) Carbazole	11.475	167	1413689	43.373	ng	100
74) Di-n-butylphthalate	11.810	149	1635332	44.336	ng	99
75) Fluoranthene	12.457	202	1401000	39.028	ng	97
77) Benzidine	12.580	184	631673	111.620	ng	# 93
78) Pyrene	12.680	202	1400174	48.808	ng	99
80) Butylbenzylphthalate	13.304	149	547065	53.859	ng	96
81) Benzo(a)anthracene	13.869	228	1025779	44.574	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	167710	26.381	ng	99
83) Chrysene	13.904	228	1017211	44.213	ng	99
84) Bis(2-ethylhexyl)phtha...	13.869	149	640588	50.244	ng	99
85) Di-n-octyl phthalate	14.480	149	1265034	60.852	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1559828	59.297	ng	98
88) Benzo(b)fluoranthene	14.898	252	1235482	41.993	ng	98
89) Benzo(k)fluoranthene	14.927	252	1191162	40.843	ng	99
90) Benzo(a)pyrene	15.245	252	1149159	42.912	ng	100
91) Dibenzo(a,h)anthracene	16.710	278	1286612	58.642	ng	97
92) Benzo(g,h,i)perylene	17.110	276	1299045	59.973	ng	97

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

