

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133261.D
 Acq On : 05 May 2023 13:29
 Operator : CG\JU
 Sample : 02597-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20230503MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 05:47:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	203622	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	810657	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	408794	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	679586	20.000	ng	0.00
76) Chrysene-d12	13.880	240	327994	20.000	ng	0.00
86) Perylene-d12	15.298	264	399737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	747029	55.420	ng	0.00
7) Phenol-d6	6.369	99	582715	34.829	ng	0.00
23) Nitrobenzene-d5	7.298	82	1136538	75.675	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	430880	104.806	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1754339	71.797	ng	0.00
79) Terphenyl-d14	12.833	244	1708911	89.858	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	115331	18.446	ng	98
3) Pyridine	3.122	79	284393	17.126	ng	97
4) n-Nitrosodimethylamine	3.063	42	158510	18.429	ng	99
6) Aniline	6.387	93	549193	25.486	ng	95
8) 2-Chlorophenol	6.510	128	492952	36.019	ng	97
9) Benzaldehyde	6.269	77	285916	35.591	ng	98
10) Phenol	6.381	94	285104	15.447	ng	# 65
11) bis(2-Chloroethyl)ether	6.463	93	562602	40.620	ng	97
12) 1,3-Dichlorobenzene	6.669	146	502870	34.560	ng	97
13) 1,4-Dichlorobenzene	6.745	146	511856	35.099	ng	97
14) 1,2-Dichlorobenzene	6.898	146	501704	37.316	ng	98
15) Benzyl Alcohol	6.875	79	353795	30.613	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	881439	36.640	ng	93
17) 2-Methylphenol	6.992	107	339536	27.093	ng	97
18) Hexachloroethane	7.239	117	171394	33.805	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	408912	39.259	ng	96
20) 3+4-Methylphenols	7.145	107	382831	25.940	ng	# 87
22) Acetophenone	7.139	105	853980	45.476	ng	# 93
24) Nitrobenzene	7.316	77	609115	40.024	ng	99
25) Isophorone	7.551	82	1149007	40.295	ng	97
26) 2-Nitrophenol	7.628	139	319927	43.584	ng	98
27) 2,4-Dimethylphenol	7.675	122	490797	38.993	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	695862	41.250	ng	99
29) 2,4-Dichlorophenol	7.875	162	446933	39.005	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	455794	38.396	ng	99
31) Naphthalene	8.039	128	2198275	54.238	ng	99
32) Benzoic acid	7.792	122	217500	27.975	ng	# 84
33) 4-Chloroaniline	8.086	127	282045	17.223	ng	98
34) Hexachlorobutadiene	8.151	225	235248	35.756	ng	99
35) Caprolactam	8.522	113	33468m	8.695	ng	
36) 4-Chloro-3-methylphenol	8.569	107	444717	35.991	ng	96
37) 2-Methylnaphthalene	8.728	142	1148678	41.454	ng	99
38) 1-Methylnaphthalene	8.822	142	1074913	41.467	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	435353	39.609	ng	99
41) Hexachlorocyclopentadiene	8.881	237	447327	69.784	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	313258	41.211	ng	99

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44) 2,4,5-Trichlorophenol	9.045	196	331487	37.707	ng	99
46) 1,1'-Biphenyl	9.192	154	1324620	40.864	ng	98
47) 2-Chloronaphthalene	9.216	162	986676	41.586	ng	98
48) 2-Nitroaniline	9.310	65	319479	40.743	ng	97
49) Acenaphthylene	9.628	152	1530496	40.371	ng	100
50) Dimethylphthalate	9.498	163	1180878	41.428	ng	99
51) 2,6-Dinitrotoluene	9.557	165	273128	42.572	ng	# 87
52) Acenaphthene	9.798	154	1226478m	48.304	ng	
53) 3-Nitroaniline	9.722	138	153455	20.117	ng	94
54) 2,4-Dinitrophenol	9.828	184	290882	90.202	ng	92
55) Dibenzofuran	9.975	168	1440746	41.598	ng	99
56) 4-Nitrophenol	9.892	139	152780	25.859	ng	92
57) 2,4-Dinitrotoluene	9.957	165	351651	42.980	ng	96
58) Fluorene	10.316	166	1062061	41.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	271614	39.853	ng	98
60) Diethylphthalate	10.192	149	1096637	40.731	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	486083	39.308	ng	95
62) 4-Nitroaniline	10.333	138	229188	32.689	ng	98
63) Azobenzene	10.469	77	1141225	40.012	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	200455	48.664	ng	74
66) n-Nitrosodiphenylamine	10.427	169	927347	42.068	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	303549	41.184	ng	# 92
68) Hexachlorobenzene	10.863	284	331273	43.863	ng	99
69) Atrazine	10.975	200	241679	38.049	ng	99
70) Pentachlorophenol	11.057	266	378431	70.356	ng	98
71) Phenanthrene	11.275	178	1570070	42.985	ng	99
72) Anthracene	11.322	178	1558147	41.684	ng	99
73) Carbazole	11.480	167	1497633	44.995	ng	99
74) Di-n-butylphthalate	11.816	149	1632947	43.353	ng	100
75) Fluoranthene	12.469	202	1331736	36.329	ng	96
78) Pyrene	12.686	202	1341324	47.706	ng	99
80) Butylbenzylphthalate	13.310	149	535981	53.838	ng	96
81) Benzo(a)anthracene	13.874	228	953011	42.253	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	18944	3.040	ng	# 91
83) Chrysene	13.910	228	922390	40.905	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	639369	51.167	ng	# 99
85) Di-n-octyl phthalate	14.480	149	1100783	54.026	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1239728	54.523	ng	98
88) Benzo(b)fluoranthene	14.898	252	1015103	39.916	ng	98
89) Benzo(k)fluoranthene	14.927	252	983188	39.001	ng	99
90) Benzo(a)pyrene	15.245	252	932059	40.266	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	1035506	54.602	ng	97
92) Benzo(g,h,i)perylene	17.104	276	975221	52.087	ng	97

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

