

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133260.D
 Acq On : 05 May 2023 12:58
 Operator : CG\JU
 Sample : 02597-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20230503MS

Manual Integrations
 APPROVED

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

Quant Time: May 06 05:47:04 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	209474	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	828085	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	415581	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	693027	20.000	ng	0.00
76) Chrysene-d12	13.880	240	336813	20.000	ng	0.00
86) Perylene-d12	15.298	264	411172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	763805	55.081	ng	0.00
7) Phenol-d6	6.369	99	591565	34.370	ng	0.00
23) Nitrobenzene-d5	7.292	82	1142171	74.450	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	441882	105.727	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1780316	71.670	ng	0.00
79) Terphenyl-d14	12.833	244	1745267	89.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.416	88	119257	18.541	ng	97
3) Pyridine	3.116	79	291122	17.041	ng	97
4) n-Nitrosodimethylamine	3.057	42	162132	18.323	ng	100
6) Aniline	6.387	93	535184	24.142	ng	96
8) 2-Chlorophenol	6.510	128	491859	34.935	ng	97
9) Benzaldehyde	6.269	77	292107	35.224	ng	97
10) Phenol	6.381	94	288832	15.212	ng	# 61
11) bis(2-Chloroethyl)ether	6.463	93	576728	40.476	ng	98
12) 1,3-Dichlorobenzene	6.669	146	502906	33.597	ng	97
13) 1,4-Dichlorobenzene	6.745	146	519346	34.618	ng	98
14) 1,2-Dichlorobenzene	6.898	146	513530	37.129	ng	98
15) Benzyl Alcohol	6.875	79	360480	30.320	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	904763	36.559	ng	95
17) 2-Methylphenol	6.992	107	346267	26.859	ng	97
18) Hexachloroethane	7.239	117	169188	32.438	ng	98
19) n-Nitroso-di-n-propyla...	7.151	70	417030	38.920	ng	96
20) 3+4-Methylphenols	7.145	107	382641	25.203	ng	# 88
22) Acetophenone	7.139	105	858522	44.756	ng	# 93
24) Nitrobenzene	7.316	77	613388	39.457	ng	98
25) Isophorone	7.551	82	1138623	39.090	ng	98
26) 2-Nitrophenol	7.628	139	321395	42.863	ng	98
27) 2,4-Dimethylphenol	7.675	122	488579	38.000	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	704279	40.871	ng	99
29) 2,4-Dichlorophenol	7.875	162	456557	39.006	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	456683	37.662	ng	99
31) Naphthalene	8.039	128	2189003	52.872	ng	100
32) Benzoic acid	7.792	122	219378	27.623	ng	87
33) 4-Chloroaniline	8.086	127	227150	13.579	ng	98
34) Hexachlorobutadiene	8.151	225	236953	35.257	ng	98
35) Caprolactam	8.516	113	33947m	8.633	ng	
36) 4-Chloro-3-methylphenol	8.569	107	451789	35.794	ng	96
37) 2-Methylnaphthalene	8.728	142	1157148	40.881	ng	97
38) 1-Methylnaphthalene	8.822	142	1086800	41.044	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	436221	39.040	ng	99
41) Hexachlorocyclopentadiene	8.881	237	476048	73.052	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	313524	40.573	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	338669	37.895	ng	98
46) 1,1'-Biphenyl	9.192	154	1348455	40.920	ng	99
47) 2-Chloronaphthalene	9.216	162	1011165	41.922	ng	99
48) 2-Nitroaniline	9.310	65	324982	40.768	ng	93
49) Acenaphthylene	9.628	152	1555322	40.356	ng	100
50) Dimethylphthalate	9.498	163	1191947	41.133	ng	98
51) 2,6-Dinitrotoluene	9.557	165	274406	42.073	ng	# 85
52) Acenaphthene	9.798	154	1241332m	48.091	ng	
53) 3-Nitroaniline	9.722	138	144536	18.638	ng	98
54) 2,4-Dinitrophenol	9.833	184	293696	89.587	ng	93
55) Dibenzofuran	9.975	168	1459383	41.448	ng	99
56) 4-Nitrophenol	9.892	139	154050	25.648	ng	93
57) 2,4-Dinitrotoluene	9.957	165	359823	43.261	ng	96
58) Fluorene	10.316	166	1083381	41.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	282841	40.823	ng	# 98
60) Diethylphthalate	10.192	149	1124687	41.090	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	486515	38.701	ng	94
62) 4-Nitroaniline	10.333	138	219250	30.761	ng	95
63) Azobenzene	10.469	77	1169554	40.336	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	205070	48.819	ng	74
66) n-Nitrosodiphenylamine	10.427	169	950407	42.278	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	309570	41.187	ng	92
68) Hexachlorobenzene	10.863	284	340823	44.252	ng	99
69) Atrazine	10.969	200	253775	39.178	ng	98
70) Pentachlorophenol	11.057	266	384105	70.026	ng	97
71) Phenanthrene	11.274	178	1606415	43.127	ng	100
72) Anthracene	11.327	178	1564112	41.032	ng	99
73) Carbazole	11.480	167	1529679	45.067	ng	100
74) Di-n-butylphthalate	11.816	149	1670571	43.491	ng	100
75) Fluoranthene	12.463	202	1356229	36.280	ng	99
78) Pyrene	12.686	202	1369641	47.437	ng	98
80) Butylbenzylphthalate	13.310	149	539307	52.754	ng	97
81) Benzo(a)anthracene	13.874	228	953013	41.146	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	15158	2.369	ng	# 97
83) Chrysene	13.910	228	954074	41.202	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	640717	49.932	ng	99
85) Di-n-octyl phthalate	14.480	149	1126069	53.820	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1315217	56.234	ng	98
88) Benzo(b)fluoranthene	14.898	252	1083564	41.423	ng	99
89) Benzo(k)fluoranthene	14.927	252	981789	37.863	ng	99
90) Benzo(a)pyrene	15.245	252	960776	40.353	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	1101017	56.442	ng	97
92) Benzo(g,h,i)perylene	17.104	276	1055302	54.797	ng	98

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

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