

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133390.D
 Acq On : 15 May 2023 18:52
 Operator : CG\JU
 Sample : 02774-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 16 03:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	188341	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	762814	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	389454	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	693250	20.000	ng	0.00
76) Chrysene-d12	13.880	240	372279	20.000	ng	0.00
86) Perylene-d12	15.298	264	445285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1260078	101.066	ng	0.00
7) Phenol-d6	6.369	99	1534271	99.144	ng	0.00
23) Nitrobenzene-d5	7.287	82	951161	67.304	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	425040	108.520	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1698957	72.983	ng	0.00
79) Terphenyl-d14	12.827	244	1792805	83.056	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	189502	32.768	ng	97
3) Pyridine	3.069	79	516114	33.602	ng	97
4) n-Nitrosodimethylamine	3.034	42	296969	37.327	ng	93
6) Aniline	6.381	93	784375	39.353	ng	# 32
8) 2-Chlorophenol	6.504	128	617940	48.815	ng	97
9) Benzaldehyde	6.263	77	346448	55.090	ng	98
10) Phenol	6.381	94	729731	42.744	ng	# 68
11) bis(2-Chloroethyl)ether	6.457	93	571386	44.601	ng	97
12) 1,3-Dichlorobenzene	6.657	146	617906	45.911	ng	99
13) 1,4-Dichlorobenzene	6.740	146	629749	46.687	ng	96
14) 1,2-Dichlorobenzene	6.887	146	608833	48.959	ng	97
15) Benzyl Alcohol	6.869	79	503844	47.133	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	911416	40.960	ng	93
17) 2-Methylphenol	6.987	107	497189	42.892	ng	97
18) Hexachloroethane	7.228	117	220316	46.980	ng	92
19) n-Nitroso-di-n-propyla...	7.140	70	390121	40.493	ng	97
20) 3+4-Methylphenols	7.140	107	615170	45.064	ng	# 85
22) Acetophenone	7.134	105	815771	46.166	ng	95
24) Nitrobenzene	7.304	77	616946	43.081	ng	99
25) Isophorone	7.545	82	1156701	43.109	ng	99
26) 2-Nitrophenol	7.622	139	348135	50.401	ng	96
27) 2,4-Dimethylphenol	7.669	122	542468	45.801	ng	99
28) bis(2-Chloroethoxy)met...	7.757	93	715074	45.048	ng	99
29) 2,4-Dichlorophenol	7.869	162	517899	48.033	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	521761	46.710	ng	99
31) Naphthalene	8.028	128	1703941	44.678	ng	99
32) Benzoic acid	7.804	122	290324	39.684	ng	95
33) 4-Chloroaniline	8.081	127	604255	39.213	ng	98
34) Hexachlorobutadiene	8.145	225	278258	44.945	ng	98
35) Caprolactam	8.457	113	183885m	50.767	ng	
36) 4-Chloro-3-methylphenol	8.569	107	545668	46.931	ng	96
37) 2-Methylnaphthalene	8.716	142	1139806	43.714	ng	99
38) 1-Methylnaphthalene	8.816	142	1060009	43.457	ng	99
40) 1,2,4,5-Tetrachloroben...	8.887	216	480621	45.899	ng	99
41) Hexachlorocyclopentadiene	8.875	237	454791	74.472	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	342809	47.339	ng	98

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44) 2,4,5-Trichlorophenol	9.045	196	370242	44.207	ng	96
46) 1,1'-Biphenyl	9.181	154	1432331	46.381	ng	100
47) 2-Chloronaphthalene	9.204	162	1068279	47.262	ng	98
48) 2-Nitroaniline	9.304	65	344679	46.139	ng	96
49) Acenaphthylene	9.622	152	1640054	45.409	ng	99
50) Dimethylphthalate	9.486	163	1276940	47.023	ng	99
51) 2,6-Dinitrotoluene	9.545	165	294679	48.213	ng	99
52) Acenaphthene	9.792	154	1181751m	48.854	ng	
53) 3-Nitroaniline	9.716	138	287498	39.560	ng	99
54) 2,4-Dinitrophenol	9.828	184	276941	90.143	ng	98
55) Dibenzofuran	9.963	168	1492364	45.228	ng	98
56) 4-Nitrophenol	9.892	139	473771	84.170	ng	92
57) 2,4-Dinitrotoluene	9.951	165	376828	48.345	ng	98
58) Fluorene	10.310	166	1109999	45.916	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	303067	46.676	ng	97
60) Diethylphthalate	10.186	149	1188287	46.326	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	538155	45.681	ng	96
62) 4-Nitroaniline	10.334	138	331804	49.675	ng	99
63) Azobenzene	10.457	77	1240769	45.663	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	215407	51.264	ng	84
66) n-Nitrosodiphenylamine	10.422	169	1017663	45.255	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	339918	45.210	ng	96
68) Hexachlorobenzene	10.857	284	373602	48.493	ng	99
69) Atrazine	10.951	200	347439	53.621	ng	97
70) Pentachlorophenol	11.051	266	377915	68.875	ng	99
71) Phenanthrene	11.269	178	1662598	44.621	ng	100
72) Anthracene	11.322	178	1735609	45.516	ng	100
73) Carbazole	11.475	167	1562446	46.017	ng	100
74) Di-n-butylphthalate	11.804	149	1847521	48.083	ng	100
75) Fluoranthene	12.451	202	1609817	43.049	ng	99
77) Benzidine	12.575	184	796039	126.447	ng	# 93
78) Pyrene	12.680	202	1632218	51.146	ng	100
80) Butylbenzylphthalate	13.304	149	637650	56.432	ng	97
81) Benzo(a)anthracene	13.869	228	1148630	44.868	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	358705	50.721	ng	99
83) Chrysene	13.904	228	1162112	45.405	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	741713	52.296	ng	99
85) Di-n-octyl phthalate	14.474	149	1275213	55.142	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1536881	60.677	ng	99
88) Benzo(b)fluoranthene	14.898	252	1249664	44.113	ng	100
89) Benzo(k)fluoranthene	14.927	252	1141001	40.631	ng	99
90) Benzo(a)pyrene	15.245	252	1109644	43.035	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	1271479	60.187	ng	99
92) Benzo(g,h,i)perylene	17.110	276	1312504	62.931	ng	98

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

