

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137429.D
 Acq On : 28 Feb 2024 18:22
 Operator : CG\JU
 Sample : P1585-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS

Quant Time: Feb 29 03:13:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

02/29/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	133531	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	543497	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	328567	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	630892	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	418571	20.000	ng	0.00
86) Perylene-d12	15.457	264	409131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1219691	140.942	ng	-0.01
7) Phenol-d6	6.422	99	1604745	126.061	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1075551	98.798	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	456313	159.484	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1864658	88.353	ng	-0.01
79) Terphenyl-d14	12.916	244	2586188	86.419	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	198430	41.857	ng	# 85
3) Pyridine	3.322	79	371614	31.412	ng	99
4) n-Nitrosodimethylamine	3.257	42	214441	47.132	ng	98
6) Aniline	6.451	93	352747	23.366	ng	94
8) 2-Chlorophenol	6.569	128	469768	50.612	ng	98
9) Benzaldehyde	6.339	77	26317	4.294	ng	94
10) Phenol	6.434	94	612717	43.979	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	498097	49.202	ng	97
12) 1,3-Dichlorobenzene	6.722	146	483931	48.551	ng	98
13) 1,4-Dichlorobenzene	6.798	146	479549	46.729	ng	99
14) 1,2-Dichlorobenzene	6.951	146	466060	49.098	ng	96
15) Benzyl Alcohol	6.928	79	442862	58.362	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	840175	49.930	ng	99
17) 2-Methylphenol	7.039	107	396650	45.166	ng	99
18) Hexachloroethane	7.286	117	162153	45.854	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	385225	49.108	ng	99
20) 3+4-Methylphenols	7.192	107	478676	47.822	ng	90
22) Acetophenone	7.192	105	661922	50.224	ng	# 95
24) Nitrobenzene	7.363	77	556062	50.269	ng	95
25) Isophorone	7.604	82	1104232	49.049	ng	99
26) 2-Nitrophenol	7.681	139	224900	52.892	ng	97
27) 2,4-Dimethylphenol	7.722	122	365206	44.109	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	645610	49.753	ng	100
29) 2,4-Dichlorophenol	7.922	162	409500	52.770	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	400888	48.130	ng	99
31) Naphthalene	8.081	128	1375157	47.148	ng	99
32) Benzoic acid	7.845	122	248018	48.816	ng	98
33) 4-Chloroaniline	8.139	127	113078	10.193	ng	96
34) Hexachlorobutadiene	8.198	225	231195	46.723	ng	98
35) Caprolactam	8.504	113	151220m	63.014	ng	
36) 4-Chloro-3-methylphenol	8.628	107	472623	53.722	ng	96
37) 2-Methylnaphthalene	8.775	142	884935	47.085	ng	98
38) 1-Methylnaphthalene	8.875	142	830232	46.723	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	416731	46.049	ng	98
41) Hexachlorocyclopentadiene	8.928	237	271507	66.172	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	305605	52.083	ng	98

03/01/2024

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44) 2,4,5-Trichlorophenol	9.104	196	330410	49.083	ng	98
46) 1,1'-Biphenyl	9.245	154	1136080	47.474	ng	98
47) 2-Chloronaphthalene	9.269	162	887760	49.123	ng	97
48) 2-Nitroaniline	9.369	65	331114	59.235	ng	98
49) Acenaphthylene	9.680	152	1512374	51.507	ng	100
50) Dimethylphthalate	9.551	163	1173836	51.702	ng	98
51) 2,6-Dinitrotoluene	9.610	165	246805	58.433	ng	# 87
52) Acenaphthene	9.857	154	842979	48.095	ng	99
53) 3-Nitroaniline	9.780	138	186374	39.078	ng	96
54) 2,4-Dinitrophenol	9.886	184	226310	105.612	ng	95
55) Dibenzofuran	10.027	168	1321102	48.768	ng	98
56) 4-Nitrophenol	9.951	139	389385	107.095	ng	95
57) 2,4-Dinitrotoluene	10.016	165	338136	62.981	ng	98
58) Fluorene	10.374	166	1026003	49.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	297838m	53.429	ng	
60) Diethylphthalate	10.257	149	1170226	55.207	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	489075	48.058	ng	98
62) 4-Nitroaniline	10.404	138	243496	54.551	ng	98
63) Azobenzene	10.527	77	1307482	51.555	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	165315	53.063	ng	82
66) n-Nitrosodiphenylamine	10.492	169	953161	46.519	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	325762	48.031	ng	# 92
68) Hexachlorobenzene	10.922	284	346833	49.434	ng	96
69) Atrazine	11.022	200	331334	59.921	ng	99
70) Pentachlorophenol	11.122	266	409501	92.121	ng	98
71) Phenanthrene	11.339	178	1659682	47.682	ng	100
72) Anthracene	11.392	178	1702676	47.467	ng	99
73) Carbazole	11.551	167	1577308	51.465	ng	99
74) Di-n-butylphthalate	11.886	149	1994180	65.028	ng	100
75) Fluoranthene	12.533	202	1741574	51.259	ng	98
77) Benzidine	12.668	184	57877	13.862	ng	98
78) Pyrene	12.763	202	1765335	44.603	ng	99
80) Butylbenzylphthalate	13.398	149	607142	82.291	ng	92
81) Benzo(a)anthracene	13.963	228	1468226	50.549	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	329491	48.579	ng	99
83) Chrysene	13.998	228	1460403	49.220	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	923551	94.813	ng	98
85) Di-n-octyl phthalate	14.586	149	1761117	90.418	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.962	276	1176996	41.798	ng	99
88) Benzo(b)fluoranthene	15.021	252	1327633	52.898	ng	99
89) Benzo(k)fluoranthene	15.057	252	1256405	47.762	ng	98
90) Benzo(a)pyrene	15.398	252	1141138	47.934	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	966203	41.830	ng	98
92) Benzo(g,h,i)perylene	17.421	276	890667	37.585	ng	98

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

