

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137683.D
 Acq On : 22 Mar 2024 15:56
 Operator : CG\JU
 Sample : P1827-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

03/26/2024
 Supervised By :mohammad
 ahmed

Quant Time: Mar 22 16:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	188887	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	725467	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	382075	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	568287	20.000	ng	0.00
76) Chrysene-d12	13.886	240	343820	20.000	ng	# 0.01
86) Perylene-d12	15.304	264	364762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	949475	76.131	ng	0.01
7) Phenol-d6	6.375	99	1261519	70.075	ng	0.00
23) Nitrobenzene-d5	7.298	82	791030	50.663	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	248701	74.122	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1149050	47.077	ng	0.00
79) Terphenyl-d14	12.827	244	831735	33.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	241058	35.349	ng	97
3) Pyridine	3.175	79	552533	33.596	ng	95
4) n-Nitrosodimethylamine	3.146	42	249822	38.332	ng	97
6) Aniline	6.393	93	390061	17.732	ng	# 68
8) 2-Chlorophenol	6.510	128	550131	41.821	ng	95
9) Benzaldehyde	6.275	77	100598	11.406	ng	97
10) Phenol	6.387	94	736755	38.023	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	559072	39.374	ng	97
12) 1,3-Dichlorobenzene	6.669	146	577208	41.064	ng	96
13) 1,4-Dichlorobenzene	6.745	146	590575	41.064	ng	98
14) 1,2-Dichlorobenzene	6.898	146	556431	42.152	ng	96
15) Benzyl Alcohol	6.881	79	500670	44.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	816626	33.459	ng	91
17) 2-Methylphenol	6.993	107	432445	35.133	ng	96
18) Hexachloroethane	7.234	117	201977	42.651	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	401999	36.162	ng	99
20) 3+4-Methylphenols	7.145	107	519980	36.885	ng	98
22) Acetophenone	7.140	105	722545	41.164	ng	# 94
24) Nitrobenzene	7.316	77	618880	39.458	ng	97
25) Isophorone	7.551	82	1138348	38.376	ng	99
26) 2-Nitrophenol	7.628	139	281934	45.276	ng	98
27) 2,4-Dimethylphenol	7.675	122	381811	32.815	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	685544	39.390	ng	99
29) 2,4-Dichlorophenol	7.875	162	447976	41.951	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	477631	42.503	ng	99
31) Naphthalene	8.034	128	1532775	39.379	ng	99
32) Benzoic acid	7.822	122	270725	41.400	ng	97
33) 4-Chloroaniline	8.087	127	108603	7.116	ng	99
34) Hexachlorobutadiene	8.145	225	282542	42.587	ng	99
35) Caprolactam	8.469	113	142837m	39.447	ng	
36) 4-Chloro-3-methylphenol	8.581	107	477466	40.001	ng	99
37) 2-Methylnaphthalene	8.722	142	950608	38.310	ng	99
38) 1-Methylnaphthalene	8.822	142	878397	37.590	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	471052	44.161	ng	100
41) Hexachlorocyclopentadiene	8.875	237	228526	55.332	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	305827	44.028	ng	98

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44) 2,4,5-Trichlorophenol	9.051	196	322171	40.263	ng	97
46) 1,1'-Biphenyl	9.187	154	1169534	41.822	ng	99
47) 2-Chloronaphthalene	9.210	162	900130	42.219	ng	98
48) 2-Nitroaniline	9.316	65	300414	41.455	ng	98
49) Acenaphthylene	9.628	152	1394644	40.874	ng	100
50) Dimethylphthalate	9.492	163	1095210	41.178	ng	99
51) 2,6-Dinitrotoluene	9.557	165	229827	41.314	ng	95
52) Acenaphthene	9.798	154	788255	38.697	ng	99
53) 3-Nitroaniline	9.728	138	121819	20.703	ng	88
54) 2,4-Dinitrophenol	9.834	184	156622	60.013	ng	93
55) Dibenzofuran	9.969	168	1181708	38.089	ng	99
56) 4-Nitrophenol	9.898	139	282420	68.172	ng	97
57) 2,4-Dinitrotoluene	9.963	165	281196	41.143	ng	95
58) Fluorene	10.310	166	910068	38.195	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	242688	37.822	ng	92
60) Diethylphthalate	10.192	149	1001193	39.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	454672	38.936	ng	98
62) 4-Nitroaniline	10.339	138	163599	32.349	ng	98
63) Azobenzene	10.463	77	1059715	36.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	120795	38.138	ng	87
66) n-Nitrosodiphenylamine	10.428	169	808846	44.200	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	281101	45.415	ng	96
68) Hexachlorobenzene	10.857	284	289184	46.257	ng	# 92
69) Atrazine	10.957	200	254086	45.674	ng	99
70) Pentachlorophenol	11.057	266	289589	76.626	ng	99
71) Phenanthrene	11.275	178	1260348	40.752	ng	100
72) Anthracene	11.322	178	1254465	39.493	ng	99
73) Carbazole	11.480	167	1032786	37.959	ng	100
74) Di-n-butylphthalate	11.810	149	1394746	43.086	ng	100
75) Fluoranthene	12.457	202	1180571	39.052	ng	98
77) Benzidine	12.586	184	427111	50.762	ng	97
78) Pyrene	12.686	202	1158870	34.351	ng	100
80) Butylbenzylphthalate	13.304	149	449301	52.148	ng	100
81) Benzo(a)anthracene	13.874	228	1004956	41.703	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	282360	44.000	ng	98
83) Chrysene	13.910	228	993004	40.771	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	611971	55.883	ng	# 98
85) Di-n-octyl phthalate	14.480	149	1152428	53.832	ng	96
87) Indeno(1,2,3-cd)pyrene	16.704	276	821509	34.224	ng	96
88) Benzo(b)fluoranthene	14.898	252	1070268	49.602	ng	98
89) Benzo(k)fluoranthene	14.927	252	908787	39.213	ng	99
90) Benzo(a)pyrene	15.251	252	905457	42.583	ng	98
91) Dibenzo(a,h)anthracene	16.715	278	648176	33.287	ng	96
92) Benzo(g,h,i)perylene	17.121	276	601533	30.080	ng	96

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

