

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137430.D
 Acq On : 28 Feb 2024 18:51
 Operator : CG\JU
 Sample : P1585-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 03:14:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	136293	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	556319	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	340579	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	654175	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	445651	20.000	ng	0.00
86) Perylene-d12	15.457	264	418848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1301860	147.389	ng	0.00
7) Phenol-d6	6.428	99	1667865	128.364	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1135501	101.901	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	484998	163.532	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1968648	89.990	ng	-0.01
79) Terphenyl-d14	12.916	244	2794321	87.700	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	208935	43.180	ng	# 85
3) Pyridine	3.334	79	390686	32.296	ng	100
4) n-Nitrosodimethylamine	3.263	42	231441	49.544	ng	# 97
6) Aniline	6.451	93	343285	22.279	ng	93
8) 2-Chlorophenol	6.569	128	491524	51.883	ng	99
9) Benzaldehyde	6.340	77	28104	4.493	ng	93
10) Phenol	6.440	94	636327	44.748	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	503319	48.710	ng	97
12) 1,3-Dichlorobenzene	6.722	146	493859	48.543	ng	99
13) 1,4-Dichlorobenzene	6.798	146	517184	49.375	ng	98
14) 1,2-Dichlorobenzene	6.951	146	481284	49.675	ng	98
15) Benzyl Alcohol	6.928	79	451181	58.253	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	875030	50.948	ng	95
17) 2-Methylphenol	7.039	107	405088	45.192	ng	99
18) Hexachloroethane	7.287	117	171595	47.541	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	400268	49.991	ng	99
20) 3+4-Methylphenols	7.192	107	498066	48.750	ng	93
22) Acetophenone	7.192	105	683829	50.691	ng	# 96
24) Nitrobenzene	7.363	77	589507	52.064	ng	96
25) Isophorone	7.604	82	1168133	50.691	ng	98
26) 2-Nitrophenol	7.681	139	246156	56.356	ng	98
27) 2,4-Dimethylphenol	7.722	122	389477	45.956	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	686737	51.703	ng	99
29) 2,4-Dichlorophenol	7.922	162	433359	54.558	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	423227	49.640	ng	99
31) Naphthalene	8.081	128	1441946	48.298	ng	99
32) Benzoic acid	7.845	122	269509	51.395	ng	97
33) 4-Chloroaniline	8.139	127	129569	11.411	ng	96
34) Hexachlorobutadiene	8.198	225	241709	47.722	ng	98
35) Caprolactam	8.504	113	156171m	63.577	ng	
36) 4-Chloro-3-methylphenol	8.628	107	498390	55.345	ng	99
37) 2-Methylnaphthalene	8.775	142	936667	48.689	ng	99
38) 1-Methylnaphthalene	8.875	142	887081	48.771	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	449689	47.939	ng	99
41) Hexachlorocyclopentadiene	8.928	237	293703	69.057	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	316396	52.020	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	356773	51.130	ng	98
46) 1,1'-Biphenyl	9.245	154	1201114	48.421	ng	98
47) 2-Chloronaphthalene	9.263	162	928669	49.574	ng	99
48) 2-Nitroaniline	9.369	65	346021	59.684	ng	97
49) Acenaphthylene	9.681	152	1573252	51.690	ng	99
50) Dimethylphthalate	9.551	163	1236230	52.530	ng	99
51) 2,6-Dinitrotoluene	9.610	165	265508	60.644	ng	# 89
52) Acenaphthene	9.857	154	887140	48.829	ng	99
53) 3-Nitroaniline	9.780	138	199776	40.330	ng	99
54) 2,4-Dinitrophenol	9.886	184	248957	111.602	ng	94
55) Dibenzofuran	10.028	168	1393534	49.627	ng	99
56) 4-Nitrophenol	9.951	139	416143	110.267	ng	92
57) 2,4-Dinitrotoluene	10.016	165	356390	64.022	ng	95
58) Fluorene	10.375	166	1073118	50.042	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	306316m	53.012	ng	
60) Diethylphthalate	10.251	149	1239275	56.402	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	513190	48.649	ng	96
62) 4-Nitroaniline	10.404	138	249073	53.855	ng	97
63) Azobenzene	10.528	77	1392312	52.963	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	180877	55.743	ng	85
66) n-Nitrosodiphenylamine	10.486	169	1006514	47.375	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	342852	48.752	ng	# 92
68) Hexachlorobenzene	10.922	284	367206	50.475	ng	96
69) Atrazine	11.022	200	351406	61.289	ng	99
70) Pentachlorophenol	11.122	266	434912	94.355	ng	99
71) Phenanthrene	11.339	178	1731640	47.979	ng	100
72) Anthracene	11.392	178	1793516	48.220	ng	99
73) Carbazole	11.551	167	1664800	52.387	ng	99
74) Di-n-butylphthalate	11.886	149	2128222	66.929	ng	99
75) Fluoranthene	12.533	202	1848114	52.458	ng	100
77) Benzidine	12.669	184	62232m	13.931	ng	
78) Pyrene	12.763	202	1894704	44.962	ng	100
80) Butylbenzylphthalate	13.398	149	665594	83.913	ng	# 90
81) Benzo(a)anthracene	13.963	228	1552506	50.203	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	363453	50.149	ng	98
83) Chrysene	13.998	228	1583709	50.132	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	981478	94.691	ng	98
85) Di-n-octyl phthalate	14.586	149	1932215	92.037	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.962	276	1220649	42.319	ng	99
88) Benzo(b)fluoranthene	15.021	252	1417403	55.164	ng	99
89) Benzo(k)fluoranthene	15.057	252	1349610	50.115	ng	98
90) Benzo(a)pyrene	15.398	252	1222265	50.151	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	1008190	42.606	ng	98
92) Benzo(g,h,i)perylene	17.421	276	926173	38.144	ng	98

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

