

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137099.D
 Acq On : 17 Jan 2024 18:06
 Operator : CG\JU
 Sample : P1139-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :mohammad ahmed 01/19/2024

Quant Time: Jan 18 01:16:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	59069	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	234813	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	120259	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	197192	20.000	ng	0.00
76) Chrysene-d12	13.974	240	118806	20.000	ng	0.00
86) Perylene-d12	15.462	264	113349	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	462018	122.040	ng	0.02
7) Phenol-d6	6.445	99	548869	111.889	ng	0.00
23) Nitrobenzene-d5	7.357	82	388283	84.616	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	162859	114.988	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	784417	87.730	ng	-0.01
79) Terphenyl-d14	12.910	244	669784	78.784	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	61799	39.178	ng	# 80
3) Pyridine	3.487	79	114653	29.791	ng	96
4) n-Nitrosodimethylamine	3.416	42	83755	40.752	ng	99
6) Aniline	6.457	93	45154	9.207	ng	# 1
8) 2-Chlorophenol	6.581	128	187071	45.155	ng	96
9) Benzaldehyde	6.345	77	20962	7.513	ng	97
10) Phenol	6.457	94	195534	37.340	ng	89
11) bis(2-Chloroethyl)ether	6.528	93	173839	43.652	ng	96
12) 1,3-Dichlorobenzene	6.728	146	187833	41.561	ng	98
13) 1,4-Dichlorobenzene	6.804	146	192779	41.746	ng	97
14) 1,2-Dichlorobenzene	6.951	146	181345	42.203	ng	98
15) Benzyl Alcohol	6.939	79	154176	46.587	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	272438	41.843	ng	58
17) 2-Methylphenol	7.057	107	145623	42.430	ng	# 92
18) Hexachloroethane	7.287	117	64971	38.741	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	130212	43.788	ng	95
20) 3+4-Methylphenols	7.210	107	192262	44.839	ng	# 56
22) Acetophenone	7.198	105	269040	45.712	ng	# 88
24) Nitrobenzene	7.375	77	191460	41.651	ng	93
25) Isophorone	7.610	82	354433	42.448	ng	100
26) 2-Nitrophenol	7.686	139	97182	44.188	ng	98
27) 2,4-Dimethylphenol	7.728	122	146266	54.628	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	221517	43.645	ng	99
29) 2,4-Dichlorophenol	7.934	162	152688	44.295	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	162630	42.344	ng	98
31) Naphthalene	8.086	128	547113	42.412	ng	99
32) Benzoic acid	7.886	122	105814	40.844	ng	97
33) 4-Chloroaniline	8.139	127	21487	4.511	ng	96
34) Hexachlorobutadiene	8.192	225	94282	40.404	ng	96
35) Caprolactam	8.528	113	44802m	39.398	ng	
36) 4-Chloro-3-methylphenol	8.639	107	166445	42.891	ng	96
37) 2-Methylnaphthalene	8.775	142	353377	42.565	ng	98
38) 1-Methylnaphthalene	8.875	142	338998	41.620	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	173808	46.668	ng	100
41) Hexachlorocyclopentadiene	8.922	237	41567	37.759	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	109286	45.755	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	112481	42.260	ng	98
46) 1,1'-Biphenyl	9.245	154	466214	46.198	ng	99
47) 2-Chloronaphthalene	9.269	162	332517	43.343	ng	99
48) 2-Nitroaniline	9.375	65	105866	44.067	ng	96
49) Acenaphthylene	9.686	152	550891	46.980	ng	100
50) Dimethylphthalate	9.545	163	401869	45.750	ng	99
51) 2,6-Dinitrotoluene	9.616	165	86761	43.521	ng	# 88
52) Acenaphthene	9.857	154	313566	43.138	ng	99
53) 3-Nitroaniline	9.786	138	26668	12.628	ng	94
54) 2,4-Dinitrophenol	9.910	184	43993	41.694	ng	96
55) Dibenzofuran	10.028	168	473874	43.007	ng	99
56) 4-Nitrophenol	9.975	139	83783	58.771	ng	90
57) 2,4-Dinitrotoluene	10.028	165	106331	41.086	ng	# 89
58) Fluorene	10.375	166	377802	43.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	90641	44.239	ng	96
60) Diethylphthalate	10.251	149	406128	44.561	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	186784	43.953	ng	96
62) 4-Nitroaniline	10.410	138	66961	32.892	ng	90
63) Azobenzene	10.527	77	353974	41.583	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	31823	28.159	ng	98
66) n-Nitrosodiphenylamine	10.486	169	334119	52.160	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	107813	49.230	ng	94
68) Hexachlorobenzene	10.922	284	112884	46.254	ng	94
69) Atrazine	11.022	200	103632	63.252	ng	98
70) Pentachlorophenol	11.127	266	89554	78.725	ng	99
71) Phenanthrene	11.339	178	475765	47.021	ng	99
72) Anthracene	11.392	178	482088	47.047	ng	98
73) Carbazole	11.557	167	429583	44.466	ng	99
74) Di-n-butylphthalate	11.880	149	606645	51.460	ng	98
75) Fluoranthene	12.539	202	433863	40.088	ng	99
77) Benzidine	12.663	184	86105	24.580	ng	99
78) Pyrene	12.769	202	437285	37.494	ng	100
80) Butylbenzylphthalate	13.386	149	194255	45.774	ng	98
81) Benzo(a)anthracene	13.968	228	385941	46.782	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	73300	31.287	ng	97
83) Chrysene	14.004	228	355360	44.049	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	280952	52.618	ng	96
85) Di-n-octyl phthalate	14.563	149	471653	57.106	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	281302	34.372	ng	99
88) Benzo(b)fluoranthene	15.027	252	365610	48.293	ng	99
89) Benzo(k)fluoranthene	15.057	252	310701	43.433	ng	99
90) Benzo(a)pyrene	15.404	252	287954	45.060	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	245794	36.609	ng	97
92) Benzo(g,h,i)perylene	17.456	276	214726	31.225	ng	99

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

Manual Integrations

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