

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139545.D
 Acq On : 25 Sep 2024 23:05
 Operator : RC/JU
 Sample : P4178-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 01:31:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	68396	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	244093	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	117757	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	202183	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120225	20.000	ng	# 0.01
86) Perylene-d12	15.515	264	95144	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	414307	98.818	ng	0.01
7) Phenol-d6	6.516	99	530239	96.353	ng	0.01
23) Nitrobenzene-d5	7.439	82	351780	67.752	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	104409	83.283	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	602291	71.735	ng	0.00
79) Terphenyl-d14	12.986	244	549709	75.050	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	81929	48.707	ng	96
3) Pyridine	3.446	79	209381	56.458	ng	97
4) n-Nitrosodimethylamine	3.404	42	146867	45.689	ng	# 82
6) Aniline	6.540	93	178900	43.078	ng	# 61
8) 2-Chlorophenol	6.663	128	216334	50.126	ng	100
9) Benzaldehyde	6.428	77	40233	12.654	ng	99
10) Phenol	6.528	94	281342	50.196	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	216339	50.784	ng	99
12) 1,3-Dichlorobenzene	6.822	146	232097	47.288	ng	98
13) 1,4-Dichlorobenzene	6.898	146	235168	47.413	ng	99
14) 1,2-Dichlorobenzene	7.051	146	225114	48.032	ng	98
15) Benzyl Alcohol	7.022	79	205207	46.739	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	386149	58.818	ng	92
17) 2-Methylphenol	7.134	107	170627	49.761	ng	98
18) Hexachloroethane	7.392	117	80152	42.427	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	162743	49.905	ng	98
20) 3+4-Methylphenols	7.287	107	214687	45.892	ng	# 82
22) Acetophenone	7.287	105	299803	46.981	ng	98
24) Nitrobenzene	7.463	77	245933	46.021	ng	97
25) Isophorone	7.698	82	426970	51.996	ng	99
26) 2-Nitrophenol	7.775	139	106324	51.069	ng	92
27) 2,4-Dimethylphenol	7.816	122	167620m	61.035	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	251856	53.816	ng	98
29) 2,4-Dichlorophenol	8.022	162	169583	48.608	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	185419	45.613	ng	99
31) Naphthalene	8.181	128	625611	49.094	ng	99
32) Benzoic acid	7.928	122	99161	38.583	ng	91
33) 4-Chloroaniline	8.234	127	53118	13.626	ng	98
34) Hexachlorobutadiene	8.298	225	123938	44.876	ng	99
35) Caprolactam	8.598	113	53070	49.450	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	177179	44.437	ng	97
37) 2-Methylnaphthalene	8.875	142	387798	47.945	ng	98
38) 1-Methylnaphthalene	8.975	142	355741	44.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	177572	50.881	ng	99
41) Hexachlorocyclopentadiene	9.022	237	67986	55.793	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	114721	50.526	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	116809	48.771	ng	97
46) 1,1'-Biphenyl	9.333	154	469764	51.854	ng	99
47) 2-Chloronaphthalene	9.363	162	341184	50.369	ng	99
48) 2-Nitroaniline	9.457	65	128049	50.824	ng	99
49) Acenaphthylene	9.781	152	585838	57.455	ng	100
50) Dimethylphthalate	9.633	163	409103	52.932	ng	100
51) 2,6-Dinitrotoluene	9.698	165	81788	47.768	ng	93
52) Acenaphthene	9.951	154	344902	48.466	ng	100
53) 3-Nitroaniline	9.869	138	66231	38.706	ng	90
54) 2,4-Dinitrophenol	9.975	184	21495	22.530	ng	91
55) Dibenzofuran	10.122	168	486411	49.039	ng	95
56) 4-Nitrophenol	10.033	139	122805	86.734	ng	# 84
57) 2,4-Dinitrotoluene	10.104	165	107429	46.474	ng	95
58) Fluorene	10.463	166	384169	47.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	89747	45.298	ng	97
60) Diethylphthalate	10.333	149	392787	49.247	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	180723	45.950	ng	95
62) 4-Nitroaniline	10.480	138	76351	40.884	ng	87
63) Azobenzene	10.616	77	443906	56.586	ng	90
65) 4,6-Dinitro-2-methylph...	10.510	198	17069	15.996	ng	98
66) n-Nitrosodiphenylamine	10.575	169	317996	53.796	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	102595	51.206	ng	98
68) Hexachlorobenzene	11.010	284	110663	47.061	ng	99
69) Atrazine	11.098	200	98190	69.774	ng	98
70) Pentachlorophenol	11.210	266	126179	89.427	ng	99
71) Phenanthrene	11.427	178	653580	67.003	ng	99
72) Anthracene	11.480	178	563302	59.064	ng	99
73) Carbazole	11.633	167	482284	52.836	ng	99
74) Di-n-butylphthalate	11.963	149	566260	55.689	ng	100
75) Fluoranthene	12.616	202	1020790	97.993	ng	97
77) Benzidine	12.739	184	114208	66.305	ng	99
78) Pyrene	12.851	202	1099725	106.532	ng	99
80) Butylbenzylphthalate	13.457	149	227009	64.607	ng	98
81) Benzo(a)anthracene	14.033	228	670854	84.239	ng	96
82) 3,3'-Dichlorobenzidine	13.998	252	108298	46.437	ng	99
83) Chrysene	14.068	228	619023	84.490	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	300998	67.339	ng	100
85) Di-n-octyl phthalate	14.627	149	454129	68.986	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.998	276	329553	58.250	ng	97
88) Benzo(b)fluoranthene	15.086	252	502271	85.597	ng	99
89) Benzo(k)fluoranthene	15.115	252	313685m	57.979	ng	
90) Benzo(a)pyrene	15.457	252	388663	79.865	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	228056	48.782	ng	99
92) Benzo(g,h,i)perylene	17.445	276	257618	55.655	ng	# 96

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

