

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139932.D
 Acq On : 22 Oct 2024 16:59
 Operator : RC/JU
 Sample : P4419-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD

Quant Time: Oct 22 17:29:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	138748	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	523454	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	277058	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	425203	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290316	20.000	ng	0.00
86) Perylene-d12	15.527	264	350694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1181466	133.304	ng	0.02
7) Phenol-d6	6.516	99	1422949	123.962	ng	0.00
23) Nitrobenzene-d5	7.451	82	1025166	108.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	391405	151.033	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1750740	104.435	ng	0.00
79) Terphenyl-d14	12.998	244	1530395	85.898	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	171692	41.549	ng	# 81
3) Pyridine	3.563	79	407709	39.805	ng	98
4) n-Nitrosodimethylamine	3.499	42	245272	44.569	ng	97
6) Aniline	6.557	93	225996	21.125	ng	96
8) 2-Chlorophenol	6.675	128	463587	51.165	ng	99
9) Benzaldehyde	6.446	77	58737	9.096	ng	97
10) Phenol	6.528	94	513524m	43.393	ng	
11) bis(2-Chloroethyl)ether	6.628	93	452755	49.498	ng	99
12) 1,3-Dichlorobenzene	6.834	146	474895	45.659	ng	99
13) 1,4-Dichlorobenzene	6.910	146	479610	46.156	ng	99
14) 1,2-Dichlorobenzene	7.063	146	462280	47.668	ng	98
15) Benzyl Alcohol	7.028	79	435001	51.661	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	753890	48.336	ng	99
17) 2-Methylphenol	7.134	107	384589	49.779	ng	99
18) Hexachloroethane	7.404	117	171232	46.211	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	340994	48.980	ng	98
20) 3+4-Methylphenols	7.287	107	471130	47.675	ng	98
22) Acetophenone	7.298	105	635302	49.551	ng	99
24) Nitrobenzene	7.475	77	509423	49.196	ng	98
25) Isophorone	7.710	82	923720	51.530	ng	99
26) 2-Nitrophenol	7.787	139	234486	60.025	ng	96
27) 2,4-Dimethylphenol	7.816	122	385728	59.217	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	553814	50.992	ng	100
29) 2,4-Dichlorophenol	8.022	162	382652	51.574	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	395619	48.189	ng	99
31) Naphthalene	8.193	128	1336346	49.500	ng	100
32) Benzoic acid	7.916	122	250906	44.163	ng	95
33) 4-Chloroaniline	8.234	127	73874	8.025	ng	98
34) Hexachlorobutadiene	8.310	225	253755	49.194	ng	98
35) Caprolactam	8.598	113	100760m	42.711	ng	
36) 4-Chloro-3-methylphenol	8.716	107	407634	49.618	ng	97
37) 2-Methylnaphthalene	8.887	142	846044	51.171	ng	100
38) 1-Methylnaphthalene	8.987	142	789047	48.642	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	398976	53.378	ng	99
41) Hexachlorocyclopentadiene	9.040	237	450273	173.129	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	288833	54.580	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	280441	51.364	ng	99
46) 1,1'-Biphenyl	9.351	154	1019864	52.878	ng	99
47) 2-Chloronaphthalene	9.375	162	810359	52.166	ng	99
48) 2-Nitroaniline	9.463	65	262607	55.273	ng	97
49) Acenaphthylene	9.792	152	1229494	54.747	ng	99
50) Dimethylphthalate	9.651	163	906003	52.500	ng	100
51) 2,6-Dinitrotoluene	9.710	165	194900	52.160	ng	97
52) Acenaphthene	9.963	154	829832	57.120	ng	100
53) 3-Nitroaniline	9.875	138	66235	17.189	ng	95
54) 2,4-Dinitrophenol	9.981	184	174070	109.503	ng	# 1
55) Dibenzofuran	10.134	168	1082199	51.919	ng	99
56) 4-Nitrophenol	10.028	139	273307	92.192	ng	97
57) 2,4-Dinitrotoluene	10.110	165	251738	54.785	ng	98
58) Fluorene	10.475	166	783612	49.358	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223898	52.311	ng	97
60) Diethylphthalate	10.351	149	848123	50.054	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	407249	50.795	ng	99
62) 4-Nitroaniline	10.486	138	165645	45.516	ng	96
63) Azobenzene	10.628	77	883104	49.161	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	119844	69.099	ng	93
66) n-Nitrosodiphenylamine	10.586	169	726889	57.118	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	255354	58.295	ng	97
68) Hexachlorobenzene	11.022	284	273994	55.617	ng	99
69) Atrazine	11.110	200	221014	64.111	ng	99
70) Pentachlorophenol	11.216	266	315017	105.360	ng	99
71) Phenanthrene	11.439	178	1075089	53.528	ng	100
72) Anthracene	11.492	178	1092209	55.735	ng	100
73) Carbazole	11.639	167	912960	50.094	ng	99
74) Di-n-butylphthalate	11.975	149	1158274	55.009	ng	99
75) Fluoranthene	12.628	202	1008065	49.648	ng	99
77) Benzidine	12.745	184	85050	17.816	ng	99
78) Pyrene	12.857	202	1036554	40.790	ng	99
80) Butylbenzylphthalate	13.475	149	437486	57.423	ng	99
81) Benzo(a)anthracene	14.045	228	1007528	53.312	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	140100	25.426	ng	99
83) Chrysene	14.080	228	930561	53.703	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	596740	69.813	ng	# 99
85) Di-n-octyl phthalate	14.645	149	1130644	72.723	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1032579	45.768	ng	98
88) Benzo(b)fluoranthene	15.098	252	1193133	55.851	ng	100
89) Benzo(k)fluoranthene	15.127	252	937254	50.872	ng	100
90) Benzo(a)pyrene	15.469	252	1024977	58.310	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	863782	45.895	ng	98
92) Benzo(g,h,i)perylene	17.480	276	726513	38.645	ng	99

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

