

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139963.D
 Acq On : 23 Oct 2024 14:33
 Operator : RC/JU
 Sample : PB164286BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164286BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 15:04:43 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	158593	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	620873	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	350222	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	635882	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319612	20.000	ng	0.00
86) Perylene-d12	15.533	264	347575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1248672	123.258	ng	0.02
7) Phenol-d6	6.516	99	1574829	120.026	ng	0.00
23) Nitrobenzene-d5	7.451	82	1028527	91.814	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	482928	147.420	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1833539	86.525	ng	0.00
79) Terphenyl-d14	12.998	244	1877217	95.706	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	175724	37.203	ng	94
3) Pyridine	3.522	79	462499	39.504	ng	96
4) n-Nitrosodimethylamine	3.469	42	256555	40.786	ng	99
6) Aniline	6.551	93	572321	46.803	ng	98
8) 2-Chlorophenol	6.675	128	470973	45.476	ng	97
9) Benzaldehyde	6.440	77	100752	13.650	ng	96
10) Phenol	6.528	94	584091m	43.180	ng	
11) bis(2-Chloroethyl)ether	6.628	93	449836	43.025	ng	98
12) 1,3-Dichlorobenzene	6.834	146	503588	42.360	ng	99
13) 1,4-Dichlorobenzene	6.910	146	511955	43.104	ng	99
14) 1,2-Dichlorobenzene	7.057	146	489916	44.196	ng	99
15) Benzyl Alcohol	7.028	79	428535	44.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	745202	41.800	ng	97
17) 2-Methylphenol	7.134	107	387922	43.927	ng	99
18) Hexachloroethane	7.404	117	184304	43.515	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	335625	42.176	ng	95
20) 3+4-Methylphenols	7.287	107	474544	42.012	ng	92
22) Acetophenone	7.298	105	644789	42.400	ng	98
24) Nitrobenzene	7.469	77	517121	42.103	ng	100
25) Isophorone	7.710	82	928529	43.671	ng	99
26) 2-Nitrophenol	7.787	139	243091	52.464	ng	95
27) 2,4-Dimethylphenol	7.816	122	395771	51.225	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	547368	42.491	ng	100
29) 2,4-Dichlorophenol	8.022	162	388777	44.178	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	408692	41.971	ng	100
31) Naphthalene	8.193	128	1371252	42.824	ng	100
32) Benzoic acid	7.928	122	303453	45.032	ng	97
33) 4-Chloroaniline	8.240	127	359722	32.945	ng	98
34) Hexachlorobutadiene	8.310	225	262325	42.876	ng	100
35) Caprolactam	8.604	113	129060m	46.123	ng	
36) 4-Chloro-3-methylphenol	8.716	107	430883	44.218	ng	97
37) 2-Methylnaphthalene	8.887	142	857996	43.751	ng	99
38) 1-Methylnaphthalene	8.987	142	798971	41.525	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	402191	42.567	ng	99
41) Hexachlorocyclopentadiene	9.040	237	525230	159.761	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	311582	46.578	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139963.D
 Acq On : 23 Oct 2024 14:33
 Operator : RC/JU
 Sample : PB164286BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164286BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 15:04:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	308415	44.687	ng	99
46) 1,1'-Biphenyl	9.351	154	1042962	42.778	ng	99
47) 2-Chloronaphthalene	9.375	162	827583	42.145	ng	100
48) 2-Nitroaniline	9.469	65	292014	48.623	ng	92
49) Acenaphthylene	9.792	152	1296649	45.675	ng	100
50) Dimethylphthalate	9.651	163	984207	45.117	ng	100
51) 2,6-Dinitrotoluene	9.710	165	220063	46.591	ng	95
52) Acenaphthene	9.963	154	901159	49.071	ng	100
53) 3-Nitroaniline	9.875	138	177145	36.368	ng	97
54) 2,4-Dinitrophenol	9.986	184	232244	115.216	ng	# 1
55) Dibenzofuran	10.134	168	1145279	43.467	ng	99
56) 4-Nitrophenol	10.034	139	362307	96.682	ng	98
57) 2,4-Dinitrotoluene	10.116	165	295318	50.843	ng	96
58) Fluorene	10.481	166	870747	43.389	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	264684	48.921	ng	96
60) Diethylphthalate	10.351	149	945782	44.157	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	447598	44.165	ng	97
62) 4-Nitroaniline	10.492	138	224753	48.856	ng	96
63) Azobenzene	10.628	77	963247	42.420	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	158383	61.064	ng	89
66) n-Nitrosodiphenylamine	10.586	169	820984	43.138	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	288868	44.097	ng	97
68) Hexachlorobenzene	11.022	284	325983	44.247	ng	99
69) Atrazine	11.116	200	265737	51.545	ng	99
70) Pentachlorophenol	11.216	266	400627	89.599	ng	100
71) Phenanthrene	11.439	178	1301995	43.347	ng	100
72) Anthracene	11.492	178	1321841	45.105	ng	100
73) Carbazole	11.645	167	1132997	41.570	ng	99
74) Di-n-butylphthalate	11.975	149	1373983	43.634	ng	100
75) Fluoranthene	12.628	202	1258467	41.445	ng	100
77) Benzidine	12.745	184	417992	79.534	ng	99
78) Pyrene	12.857	202	1262248	45.118	ng	100
80) Butylbenzylphthalate	13.475	149	406282	48.439	ng	98
81) Benzo(a)anthracene	14.045	228	948731	45.600	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	244157	40.249	ng	99
83) Chrysene	14.080	228	852715	44.700	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	467356	49.664	ng	99
85) Di-n-octyl phthalate	14.645	149	808706	47.248	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1080680	48.330	ng	98
88) Benzo(b)fluoranthene	15.098	252	950470	44.891	ng	100
89) Benzo(k)fluoranthene	15.127	252	757041	41.459	ng	100
90) Benzo(a)pyrene	15.469	252	832975	47.813	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	885004	47.444	ng	99
92) Benzo(g,h,i)perylene	17.486	276	809408	43.441	ng	99

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

