

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139352.D
 Acq On : 13 Sep 2024 19:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:51 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 02:45:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66119	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	232989	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126997	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	229453	20.000	ng	0.00
76) Chrysene-d12	14.039	240	124546	20.000	ng	0.00
86) Perylene-d12	15.504	264	139312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	633503	156.303	ng	0.00
7) Phenol-d6	6.522	99	822389	154.588	ng	0.02
23) Nitrobenzene-d5	7.457	82	798383	161.094	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	213033	157.565	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	1406634	155.345	ng	0.00
79) Terphenyl-d14	12.986	244	1145648	150.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	121659	74.817	ng	98
3) Pyridine	3.416	79	267063	74.491	ng	100
4) n-Nitrosodimethylamine	3.404	42	243418	78.334	ng	98
8) 2-Chlorophenol	6.675	128	325178	77.941	ng	99
10) Phenol	6.539	94	411917	76.024	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	451406m	109.614	ng	
12) 1,3-Dichlorobenzene	6.822	146	362380	76.374	ng	99
13) 1,4-Dichlorobenzene	6.898	146	370525	77.276	ng	99
14) 1,2-Dichlorobenzene	7.057	146	348175	76.848	ng	100
15) Benzyl Alcohol	7.028	79	326000	76.809	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	474109	74.703	ng	90
17) 2-Methylphenol	7.139	107	259635	78.327	ng	98
18) Hexachloroethane	7.392	117	141097	77.259	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	248365	78.784	ng	99
20) 3+4-Methylphenols	7.298	107	351953	77.825	ng	93
22) Acetophenone	7.298	105	479979	78.801	ng	# 98
24) Nitrobenzene	7.475	77	401035	78.622	ng	99
25) Isophorone	7.710	82	617892	78.833	ng	100
26) 2-Nitrophenol	7.781	139	168044	84.561	ng	100
27) 2,4-Dimethylphenol	7.822	122	206020	78.593	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	355128	79.499	ng	98
29) 2,4-Dichlorophenol	8.028	162	264087	79.303	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	303204	78.143	ng	99
31) Naphthalene	8.186	128	963320	79.198	ng	99
32) Benzoic acid	7.981	122	215219m	87.390	ng	
33) 4-Chloroaniline	8.257	127	272843	73.324	ng	100
34) Hexachlorobutadiene	8.298	225	202793	76.928	ng	100
35) Caprolactam	8.639	113	81832	79.884	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	305192	80.190	ng	99
37) 2-Methylnaphthalene	8.880	142	606883	78.607	ng	100
38) 1-Methylnaphthalene	8.975	142	599493	79.092	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	298724	79.368	ng	99
41) Hexachlorocyclopentadiene	9.027	237	95184	72.430	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	195054	79.656	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	208100	80.566	ng	98
46) 1,1'-Biphenyl	9.345	154	766437	78.446	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.369	162	582318	79.713	ng	99
48) 2-Nitroaniline	9.463	65	223259	82.167	ng	97
49) Acenaphthylene	9.780	152	868138	78.947	ng	100
50) Dimethylphthalate	9.651	163	652879	78.326	ng	100
51) 2,6-Dinitrotoluene	9.710	165	150724	81.625	ng	99
52) Acenaphthene	9.957	154	617018	80.396	ng	100
53) 3-Nitroaniline	9.880	138	135147	73.235	ng	95
54) 2,4-Dinitrophenol	9.980	184	92861	95.931	ng	94
55) Dibenzofuran	10.127	168	830718	77.658	ng	98
56) 4-Nitrophenol	10.033	139	120683	79.034	ng	92
57) 2,4-Dinitrotoluene	10.110	165	202984	81.422	ng	94
58) Fluorene	10.469	166	683097	78.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167088	78.199	ng	99
60) Diethylphthalate	10.345	149	676646	78.664	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	337209	79.499	ng	98
62) 4-Nitroaniline	10.498	138	146728	72.852	ng	99
63) Azobenzene	10.622	77	664983	78.600	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109579	90.485	ng	96
66) n-Nitrosodiphenylamine	10.580	169	551600	82.225	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	189144	83.184	ng	99
68) Hexachlorobenzene	11.010	284	217457	81.487	ng	98
69) Atrazine	11.104	200	105161	65.847	ng	97
70) Pentachlorophenol	11.204	266	132585	82.799	ng	99
71) Phenanthrene	11.427	178	865088	78.146	ng	99
72) Anthracene	11.480	178	846379	78.198	ng	100
73) Carbazole	11.633	167	762939	73.649	ng	99
74) Di-n-butylphthalate	11.963	149	890092	77.132	ng	100
75) Fluoranthene	12.610	202	809435	68.469	ng	98
77) Benzidine	12.733	184	166381	93.243	ng	99
78) Pyrene	12.839	202	820624	76.737	ng	99
80) Butylbenzylphthalate	13.457	149	287851	79.080	ng	98
81) Benzo(a)anthracene	14.027	228	656134	79.532	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	197966	81.940	ng	99
83) Chrysene	14.062	228	600714	79.146	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	367918	79.454	ng	100
85) Di-n-octyl phthalate	14.627	149	612797	89.860	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	691200	83.439	ng	99
88) Benzo(b)fluoranthene	15.080	252	670084	77.990	ng	100
89) Benzo(k)fluoranthene	15.109	252	601230	75.894	ng	99
90) Benzo(a)pyrene	15.445	252	567157	79.594	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	578214	84.470	ng	100
92) Benzo(g,h,i)perylene	17.439	276	547299	80.751	ng	99

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

