

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
 Data File : BF138490.D
 Acq On : 09 Jul 2024 17:48
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070924

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 18:16:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	94297	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377907	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	211100	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	371389	20.000	ng	0.00
76) Chrysene-d12	14.021	240	181868	20.000	ng	0.00
86) Perylene-d12	15.486	264	169805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	474210	79.645	ng	0.00
7) Phenol-d6	6.504	99	629913	79.529	ng	0.00
23) Nitrobenzene-d5	7.434	82	609669	79.208	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	156412	79.279	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1040671	77.047	ng	0.00
79) Terphenyl-d14	12.969	244	912694	81.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	105847	40.139	ng	98
3) Pyridine	3.387	79	265549	40.835	ng	95
4) n-Nitrosodimethylamine	3.352	42	174019	41.107	ng	99
6) Aniline	6.534	93	302954	40.836	ng	97
8) 2-Chlorophenol	6.657	128	254221	40.380	ng	100
9) Benzaldehyde	6.422	77	172596	40.711	ng	97
10) Phenol	6.516	94	341354	40.602	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	251295	39.700	ng	98
12) 1,3-Dichlorobenzene	6.810	146	282650	39.941	ng	99
13) 1,4-Dichlorobenzene	6.887	146	285841	39.776	ng	99
14) 1,2-Dichlorobenzene	7.040	146	267110	39.908	ng	98
15) Benzyl Alcohol	7.010	79	240931	40.532	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	501147	40.260	ng	99
17) 2-Methylphenol	7.122	107	206903	40.100	ng	98
18) Hexachloroethane	7.381	117	107684	40.761	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	190821	38.990	ng	99
20) 3+4-Methylphenols	7.275	107	257995	39.707	ng	89
22) Acetophenone	7.281	105	350916	38.233	ng	99
24) Nitrobenzene	7.451	77	311588	39.835	ng	99
25) Isophorone	7.687	82	521243	39.434	ng	99
26) 2-Nitrophenol	7.769	139	139437	41.592	ng	95
27) 2,4-Dimethylphenol	7.804	122	163819	39.758	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	312981	39.619	ng	98
29) 2,4-Dichlorophenol	8.010	162	215455	40.267	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	245543	39.393	ng	98
31) Naphthalene	8.175	128	772848	39.322	ng	99
32) Benzoic acid	7.928	122	166336	42.326	ng	94
33) 4-Chloroaniline	8.222	127	270970	39.293	ng	99
34) Hexachlorobutadiene	8.287	225	151484	39.466	ng	99
35) Caprolactam	8.598	113	69828m	40.443	ng	
36) 4-Chloro-3-methylphenol	8.704	107	236650	39.506	ng	99
37) 2-Methylnaphthalene	8.863	142	491021	38.822	ng	99
38) 1-Methylnaphthalene	8.963	142	483053	39.133	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	232383	39.498	ng	99
41) Hexachlorocyclopentadiene	9.010	237	79560	41.662	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	153575	40.921	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	164032	39.738	ng	# 92
46) 1,1'-Biphenyl	9.328	154	624838	39.057	ng	100
47) 2-Chloronaphthalene	9.351	162	476477	39.424	ng	99
48) 2-Nitroaniline	9.445	65	171458	40.939	ng	92
49) Acenaphthylene	9.763	152	679075	39.575	ng	100
50) Dimethylphthalate	9.628	163	545149	39.937	ng	100
51) 2,6-Dinitrotoluene	9.692	165	126424	40.225	ng	96
52) Acenaphthene	9.939	154	456310	40.006	ng	99
53) 3-Nitroaniline	9.857	138	130288	40.446	ng	89
54) 2,4-Dinitrophenol	9.963	184	65426	41.193	ng	94
55) Dibenzofuran	10.110	168	649966	39.287	ng	98
56) 4-Nitrophenol	10.022	139	98714	41.532	ng	96
57) 2,4-Dinitrotoluene	10.092	165	168711	41.488	ng	96
58) Fluorene	10.451	166	512982	39.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	133486	40.976	ng	100
60) Diethylphthalate	10.322	149	528230	40.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	257489	39.172	ng	98
62) 4-Nitroaniline	10.475	138	130202	40.336	ng	99
63) Azobenzene	10.604	77	563395	39.822	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	95875	44.709	ng	# 76
66) n-Nitrosodiphenylamine	10.563	169	434348	39.035	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	151962	39.810	ng	96
68) Hexachlorobenzene	10.998	284	167404	39.477	ng	94
69) Atrazine	11.086	200	144073	39.053	ng	97
70) Pentachlorophenol	11.192	266	104906	41.807	ng	98
71) Phenanthrene	11.416	178	729667	38.889	ng	100
72) Anthracene	11.463	178	729445	39.164	ng	99
73) Carbazole	11.622	167	653335	39.033	ng	98
74) Di-n-butylphthalate	11.945	149	772023	40.015	ng	99
75) Fluoranthene	12.598	202	742797	38.797	ng	98
77) Benzidine	12.722	184	212686	46.352	ng	99
78) Pyrene	12.827	202	749590	40.602	ng	99
80) Butylbenzylphthalate	13.445	149	238205	42.891	ng	95
81) Benzo(a)anthracene	14.010	228	471978	38.676	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	127660	40.598	ng	98
83) Chrysene	14.051	228	452303	39.179	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	250586	42.306	ng	98
85) Di-n-octyl phthalate	14.610	149	369582	39.498	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	494659	43.369	ng	100
88) Benzo(b)fluoranthene	15.057	252	384366	40.193	ng	100
89) Benzo(k)fluoranthene	15.086	252	338198	36.262	ng	100
90) Benzo(a)pyrene	15.427	252	334094	39.770	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	407227	43.647	ng	99
92) Benzo(g,h,i)perylene	17.404	276	426978	43.157	ng	98

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

