

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138438.D
 Acq On : 03 Jul 2024 10:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 11:43:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	185883	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	746513	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	413343	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	685859	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	287245	20.000	ng	0.00
86) Perylene-d12	15.498	264	361414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	909963	81.163	ng	0.00
7) Phenol-d6	6.510	99	1234357	81.729	ng	0.00
23) Nitrobenzene-d5	7.439	82	1193913	83.081	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	267704	79.271	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1917016	73.809	ng	0.00
79) Terphenyl-d14	12.980	244	1635560	78.031	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	224660	42.541	ng	100
3) Pyridine	3.410	79	539258	42.803	ng	100
4) n-Nitrosodimethylamine	3.381	42	334830	42.600	ng	98
6) Aniline	6.539	93	595655	40.415	ng	98
8) 2-Chlorophenol	6.663	128	490640	40.765	ng	96
9) Benzaldehyde	6.428	77	380905	40.862	ng	97
10) Phenol	6.522	94	664278	41.283	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	515867	40.820	ng	96
12) 1,3-Dichlorobenzene	6.816	146	539998	39.178	ng	96
13) 1,4-Dichlorobenzene	6.892	146	543336	39.314	ng	98
14) 1,2-Dichlorobenzene	7.045	146	500422	39.222	ng	98
15) Benzyl Alcohol	7.016	79	438001	40.489	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1051646	41.256	ng	100
17) 2-Methylphenol	7.128	107	408348	40.937	ng	98
18) Hexachloroethane	7.386	117	199904	40.102	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	369424	38.800	ng	94
20) 3+4-Methylphenols	7.281	107	472470	40.765	ng	97
22) Acetophenone	7.287	105	650471	38.408	ng	# 94
24) Nitrobenzene	7.457	77	592041	40.506	ng	98
25) Isophorone	7.698	82	1057411	39.906	ng	98
26) 2-Nitrophenol	7.775	139	259067	41.092	ng	94
27) 2,4-Dimethylphenol	7.810	122	324195	40.179	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	632939	39.684	ng	99
29) 2,4-Dichlorophenol	8.016	162	410354	39.597	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	466287	38.697	ng	99
31) Naphthalene	8.181	128	1483495	39.310	ng	99
32) Benzoic acid	7.939	122	288913m	39.928	ng	
33) 4-Chloroaniline	8.228	127	523265	39.701	ng	96
34) Hexachlorobutadiene	8.292	225	271532	37.533	ng	98
35) Caprolactam	8.610	113	136961	41.852	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	445905	40.395	ng	100
37) 2-Methylnaphthalene	8.869	142	938967	38.498	ng	99
38) 1-Methylnaphthalene	8.969	142	916952	38.765	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	426614	37.314	ng	99
41) Hexachlorocyclopentadiene	9.016	237	118110	35.096	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	280113	38.503	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	307464	38.860	ng	96
46) 1,1'-Biphenyl	9.333	154	1161218	37.625	ng	100
47) 2-Chloronaphthalene	9.357	162	898283	38.174	ng	99
48) 2-Nitroaniline	9.457	65	316651	41.717	ng	96
49) Acenaphthylene	9.775	152	1288146	38.924	ng	100
50) Dimethylphthalate	9.633	163	1031715	38.838	ng	100
51) 2,6-Dinitrotoluene	9.698	165	239379	40.235	ng	93
52) Acenaphthene	9.945	154	874230m	38.579	ng	
53) 3-Nitroaniline	9.869	138	237028	40.338	ng	96
54) 2,4-Dinitrophenol	9.969	184	81450	37.684	ng	93
55) Dibenzofuran	10.116	168	1211104	38.790	ng	99
56) 4-Nitrophenol	10.028	139	162356	42.614	ng	91
57) 2,4-Dinitrotoluene	10.098	165	302822	41.338	ng	99
58) Fluorene	10.457	166	914519	36.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	238712	40.620	ng	100
60) Diethylphthalate	10.327	149	974004	39.216	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	464479	36.901	ng	98
62) 4-Nitroaniline	10.480	138	223397	41.420	ng	97
63) Azobenzene	10.610	77	1073979	40.945	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	137905	38.814	ng	# 74
66) n-Nitrosodiphenylamine	10.569	169	806882	37.895	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	280079	37.992	ng	95
68) Hexachlorobenzene	11.004	284	305640	37.615	ng	96
69) Atrazine	11.092	200	222386	37.251	ng	99
70) Pentachlorophenol	11.198	266	171323	41.542	ng	100
71) Phenanthrene	11.422	178	1306446	39.014	ng	100
72) Anthracene	11.474	178	1297277	38.846	ng	99
73) Carbazole	11.627	167	1098696	39.628	ng	100
74) Di-n-butylphthalate	11.951	149	1431206	40.733	ng	99
75) Fluoranthene	12.604	202	1196296	39.848	ng	97
77) Benzidine	12.727	184	16573	7.215	ng	98
78) Pyrene	12.833	202	1175516	38.290	ng	98
80) Butylbenzylphthalate	13.451	149	382924	40.989	ng	98
81) Benzo(a)anthracene	14.021	228	709232	38.361	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	211406	38.729	ng	99
83) Chrysene	14.057	228	698118	38.805	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	472624	40.341	ng	100
85) Di-n-octyl phthalate	14.621	149	884978	43.156	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	669292	36.856	ng	98
88) Benzo(b)fluoranthene	15.068	252	750129	37.829	ng	97
89) Benzo(k)fluoranthene	15.098	252	758592	41.534	ng	100
90) Benzo(a)pyrene	15.439	252	686226	39.482	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	534440	36.460	ng	98
92) Benzo(g,h,i)perylene	17.409	276	531860	37.090	ng	97

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

