

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138564.D
 Acq On : 15 Jul 2024 11:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 20:47:37 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	126849	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	471947	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	262281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	457739	20.000	ng	0.00
76) Chrysene-d12	14.027	240	234715	20.000	ng	0.00
86) Perylene-d12	15.498	264	233968	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	670704	83.740	ng	0.00
7) Phenol-d6	6.510	99	814726	76.465	ng	0.00
23) Nitrobenzene-d5	7.440	82	794166	82.619	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	201872	82.354	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1314303	78.318	ng	0.00
79) Terphenyl-d14	12.975	244	1161625	80.626	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	145482	41.012	ng	99
3) Pyridine	3.405	79	374424	42.801	ng	96
4) n-Nitrosodimethylamine	3.369	42	227816	40.005	ng	90
6) Aniline	6.534	93	385204	38.598	ng	99
8) 2-Chlorophenol	6.657	128	330472	39.021	ng	97
9) Benzaldehyde	6.422	77	233688	40.976	ng	99
10) Phenol	6.522	94	429148	37.946	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	326920	38.394	ng	97
12) 1,3-Dichlorobenzene	6.810	146	375116	39.404	ng	99
13) 1,4-Dichlorobenzene	6.887	146	378464	39.150	ng	99
14) 1,2-Dichlorobenzene	7.040	146	376127	41.775	ng	98
15) Benzyl Alcohol	7.010	79	335331	41.936	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	763556	45.599	ng	98
17) 2-Methylphenol	7.128	107	319591	46.045	ng	98
18) Hexachloroethane	7.381	117	154522	43.480	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	272536	41.396	ng	96
20) 3+4-Methylphenols	7.281	107	365732	41.844	ng	93
22) Acetophenone	7.281	105	504790	44.039	ng	# 99
24) Nitrobenzene	7.457	77	405333	41.495	ng	94
25) Isophorone	7.693	82	755323	45.756	ng	98
26) 2-Nitrophenol	7.769	139	196453	46.923	ng	98
27) 2,4-Dimethylphenol	7.804	122	238164	46.284	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	416781	42.246	ng	98
29) 2,4-Dichlorophenol	8.016	162	269771	40.372	ng	96
30) 1,2,4-Trichlorobenzene	8.093	180	308551	39.638	ng	99
31) Naphthalene	8.175	128	965361	39.330	ng	99
32) Benzoic acid	7.940	122	189297m	38.570	ng	
33) 4-Chloroaniline	8.222	127	332311	38.587	ng	99
34) Hexachlorobutadiene	8.287	225	191207	39.889	ng	99
35) Caprolactam	8.604	113	86200	39.977	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	291892	39.018	ng	96
37) 2-Methylnaphthalene	8.863	142	619316	39.209	ng	98
38) 1-Methylnaphthalene	8.963	142	604430	39.209	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	295813	40.467	ng	100
41) Hexachlorocyclopentadiene	9.010	237	83649	35.255	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	188712	40.471	ng	99

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44) 2,4,5-Trichlorophenol	9.187	196	205807	40.129	ng	95
46) 1,1'-Biphenyl	9.328	154	787356	39.612	ng	99
47) 2-Chloronaphthalene	9.351	162	601990	40.090	ng	100
48) 2-Nitroaniline	9.451	65	205518	39.496	ng	96
49) Acenaphthylene	9.769	152	842774	39.531	ng	100
50) Dimethylphthalate	9.628	163	683612	40.308	ng	99
51) 2,6-Dinitrotoluene	9.692	165	156964	40.197	ng	88
52) Acenaphthene	9.939	154	556819	39.292	ng	98
53) 3-Nitroaniline	9.863	138	160192	40.025	ng	95
54) 2,4-Dinitrophenol	9.969	184	73274	37.591	ng	96
55) Dibenzofuran	10.110	168	818380	39.814	ng	99
56) 4-Nitrophenol	10.028	139	108606	36.777	ng	97
57) 2,4-Dinitrotoluene	10.098	165	207983	41.165	ng	92
58) Fluorene	10.457	166	645565	39.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	163232	40.329	ng	98
60) Diethylphthalate	10.328	149	664118	40.620	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	327930	40.153	ng	99
62) 4-Nitroaniline	10.475	138	158297	39.470	ng	96
63) Azobenzene	10.604	77	698396	39.731	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	115052	43.530	ng	82
66) n-Nitrosodiphenylamine	10.563	169	552639	40.297	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	195758	41.609	ng	98
68) Hexachlorobenzene	11.004	284	213134	40.779	ng	# 89
69) Atrazine	11.092	200	160957	35.399	ng	98
70) Pentachlorophenol	11.198	266	119072	38.501	ng	97
71) Phenanthrene	11.416	178	904554	39.115	ng	99
72) Anthracene	11.469	178	901377	39.266	ng	99
73) Carbazole	11.622	167	809868	39.258	ng	99
74) Di-n-butylphthalate	11.945	149	1007642	42.375	ng	99
75) Fluoranthene	12.604	202	927241	39.295	ng	99
77) Benzidine	12.722	184	196367	33.160	ng	99
78) Pyrene	12.833	202	928242	38.958	ng	99
80) Butylbenzylphthalate	13.445	149	320673	44.740	ng	99
81) Benzo(a)anthracene	14.016	228	623394	39.582	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	173478	42.747	ng	98
83) Chrysene	14.057	228	589173	39.544	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	381633	49.924	ng	99
85) Di-n-octyl phthalate	14.610	149	595077	49.277	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	679239	43.220	ng	100
88) Benzo(b)fluoranthene	15.069	252	518692	39.365	ng	99
89) Benzo(k)fluoranthene	15.098	252	492458	38.321	ng	99
90) Benzo(a)pyrene	15.433	252	454512	39.267	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	561455	43.674	ng	98
92) Benzo(g,h,i)perylene	17.427	276	643216	47.185	ng	96

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

