

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139025.D
 Acq On : 15 Aug 2024 16:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 17:00:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	46198	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	185235	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	103494	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	173892	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	85690	20.000	ng	0.00
86) Perylene-d12	15.463	264	90423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	237489	79.354	ng	0.00
7) Phenol-d6	6.487	99	320905	79.865	ng	0.00
23) Nitrobenzene-d5	7.410	82	316549	83.551	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	67746	79.912	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	573298	83.230	ng	-0.01
79) Terphenyl-d14	12.939	244	411582	80.418	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.575	88	46829	35.741	ng	# 93
3) Pyridine	3.334	79	117086	36.889	ng	96
4) n-Nitrosodimethylamine	3.305	42	86767	45.899	ng	82
6) Aniline	6.504	93	138876	38.755	ng	# 46
8) 2-Chlorophenol	6.628	128	127161	40.385	ng	98
9) Benzaldehyde	6.393	77	86956	36.101	ng	98
10) Phenol	6.504	94	165513	39.123	ng	# 72
11) bis(2-Chloroethyl)ether	6.575	93	120930	37.146	ng	98
12) 1,3-Dichlorobenzene	6.775	146	139572	39.599	ng	97
13) 1,4-Dichlorobenzene	6.857	146	140243	39.427	ng	99
14) 1,2-Dichlorobenzene	7.010	146	133623	40.196	ng	99
15) Benzyl Alcohol	6.993	79	125711	43.408	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	203620	36.343	ng	# 48
17) 2-Methylphenol	7.104	107	101359	38.983	ng	# 87
18) Hexachloroethane	7.345	117	54124	40.423	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	98862	40.737	ng	97
20) 3+4-Methylphenols	7.257	107	137424	41.195	ng	95
22) Acetophenone	7.251	105	190713	42.049	ng	99
24) Nitrobenzene	7.428	77	158834	41.199	ng	99
25) Isophorone	7.663	82	261884	40.481	ng	98
26) 2-Nitrophenol	7.740	139	66148	39.880	ng	90
27) 2,4-Dimethylphenol	7.781	122	78290	39.450	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	151398	38.429	ng	98
29) 2,4-Dichlorophenol	7.992	162	103656	40.648	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	117336	39.871	ng	98
31) Naphthalene	8.140	128	385336	39.521	ng	99
32) Benzoic acid	7.934	122	47480	30.436	ng	93
33) 4-Chloroaniline	8.198	127	121655	37.170	ng	97
34) Hexachlorobutadiene	8.251	225	74310	41.689	ng	98
35) Caprolactam	8.575	113	32303	42.453	ng	90
36) 4-Chloro-3-methylphenol	8.687	107	121466	41.678	ng	100
37) 2-Methylnaphthalene	8.828	142	248587	40.370	ng	99
38) 1-Methylnaphthalene	8.928	142	245538	40.692	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	115282	40.099	ng	99
41) Hexachlorocyclopentadiene	8.975	237	23932	35.677	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	67209	38.342	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139025.D
 Acq On : 15 Aug 2024 16:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 17:00:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	73797	38.511	ng	97
46) 1,1'-Biphenyl	9.292	154	324022	39.976	ng	99
47) 2-Chloronaphthalene	9.322	162	242402	40.211	ng	99
48) 2-Nitroaniline	9.428	65	87200	42.668	ng	97
49) Acenaphthylene	9.734	152	341255	39.913	ng	99
50) Dimethylphthalate	9.592	163	276736	41.819	ng	99
51) 2,6-Dinitrotoluene	9.663	165	65543	43.887	ng	# 84
52) Acenaphthene	9.904	154	229254	39.888	ng	99
53) 3-Nitroaniline	9.839	138	62039	40.183	ng	99
54) 2,4-Dinitrophenol	9.957	184	29830	43.390	ng	86
55) Dibenzofuran	10.075	168	331767	40.893	ng	96
56) 4-Nitrophenol	10.022	139	35833	38.596	ng	88
57) 2,4-Dinitrotoluene	10.075	165	83332	43.734	ng	# 78
58) Fluorene	10.422	166	274269	42.452	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	60241	41.119	ng	98
60) Diethylphthalate	10.292	149	275996	43.986	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	133567	42.035	ng	96
62) 4-Nitroaniline	10.457	138	59530m	40.574	ng	
63) Azobenzene	10.569	77	288112	41.401	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	42551	40.109	ng	89
66) n-Nitrosodiphenylamine	10.533	169	224448	41.293	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	77154	40.980	ng	97
68) Hexachlorobenzene	10.969	284	78472	40.368	ng	99
69) Atrazine	11.057	200	53241	37.965	ng	98
70) Pentachlorophenol	11.175	266	31789	36.280	ng	98
71) Phenanthrene	11.380	178	360273	40.236	ng	100
72) Anthracene	11.433	178	358261	40.615	ng	100
73) Carbazole	11.592	167	301941	39.675	ng	99
74) Di-n-butylphthalate	11.910	149	380361	44.460	ng	99
75) Fluoranthene	12.569	202	321989	38.519	ng	98
77) Benzidine	12.698	184	58104	28.350	ng	98
78) Pyrene	12.798	202	317893	39.402	ng	99
80) Butylbenzylphthalate	13.410	149	108747	42.091	ng	97
81) Benzo(a)anthracene	13.986	228	236524	40.083	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	62349	41.290	ng	99
83) Chrysene	14.027	228	205164	38.538	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	142898	37.771	ng	99
85) Di-n-octyl phthalate	14.574	149	249697	35.673	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	242158	37.370	ng	95
88) Benzo(b)fluoranthene	15.039	252	224297	40.015	ng	98
89) Benzo(k)fluoranthene	15.063	252	204228	42.081	ng	99
90) Benzo(a)pyrene	15.404	252	194217	41.192	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	198357	37.290	ng	96
92) Benzo(g,h,i)perylene	17.386	276	196424	35.585	ng	97

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

