

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137077.D
 Acq On : 16 Jan 2024 14:08
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 14:28:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	53225	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	205298	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	99878	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	166328	20.000	ng	0.00
76) Chrysene-d12	13.974	240	91412	20.000	ng	0.00
86) Perylene-d12	15.468	264	105660	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	280536	82.239	ng	0.00
7) Phenol-d6	6.439	99	352269	79.696	ng	0.00
23) Nitrobenzene-d5	7.351	82	317192	79.061	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	86370	73.426	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	629030	84.707	ng	-0.01
79) Terphenyl-d14	12.910	244	513521	78.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	57763	40.640	ng	96
3) Pyridine	3.299	79	138835	40.035	ng	97
4) n-Nitrosodimethylamine	3.269	42	67983	36.710	ng	94
6) Aniline	6.457	93	170725	38.632	ng	# 59
8) 2-Chlorophenol	6.581	128	153476	41.113	ng	93
9) Benzaldehyde	6.345	77	99354	39.518	ng	99
10) Phenol	6.451	94	185914	39.401	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	140581	39.177	ng	97
12) 1,3-Dichlorobenzene	6.728	146	166463	40.877	ng	97
13) 1,4-Dichlorobenzene	6.804	146	171106	41.121	ng	97
14) 1,2-Dichlorobenzene	6.957	146	160868	41.548	ng	98
15) Benzyl Alcohol	6.934	79	119205	39.975	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	220449	37.576	ng	58
17) 2-Methylphenol	7.051	107	118647	38.365	ng	92
18) Hexachloroethane	7.286	117	60818	40.246	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	104335	38.939	ng	96
20) 3+4-Methylphenols	7.204	107	156196	40.428	ng	# 69
22) Acetophenone	7.198	105	207881	40.398	ng	# 89
24) Nitrobenzene	7.369	77	158419	39.418	ng	99
25) Isophorone	7.604	82	278309	38.123	ng	100
26) 2-Nitrophenol	7.686	139	79780	41.491	ng	97
27) 2,4-Dimethylphenol	7.728	122	94464	40.353	ng	93
28) bis(2-Chloroethoxy)met...	7.816	93	174021	39.216	ng	100
29) 2,4-Dichlorophenol	7.934	162	120745	40.064	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	138948	41.379	ng	97
31) Naphthalene	8.086	128	453841	40.239	ng	99
32) Benzoic acid	7.863	122	75088	33.151	ng	98
33) 4-Chloroaniline	8.139	127	155772	37.407	ng	97
34) Hexachlorobutadiene	8.198	225	85646	41.980	ng	99
35) Caprolactam	8.516	113	34080m	34.278	ng	
36) 4-Chloro-3-methylphenol	8.633	107	126794	37.371	ng	98
37) 2-Methylnaphthalene	8.775	142	284141	39.146	ng	99
38) 1-Methylnaphthalene	8.875	142	276484	38.825	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	133580	43.185	ng	99
41) Hexachlorocyclopentadiene	8.922	237	29487	32.966	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	78830	39.739	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	86789	39.261	ng	95
46) 1,1'-Biphenyl	9.245	154	353659	42.196	ng	98
47) 2-Chloronaphthalene	9.269	162	267548	41.991	ng	99
48) 2-Nitroaniline	9.375	65	74324	37.250	ng	90
49) Acenaphthylene	9.686	152	389699	40.015	ng	99
50) Dimethylphthalate	9.545	163	279250	38.278	ng	99
51) 2,6-Dinitrotoluene	9.616	165	63066	38.091	ng	98
52) Acenaphthene	9.857	154	242849	40.227	ng	98
53) 3-Nitroaniline	9.786	138	62481	35.624	ng	97
54) 2,4-Dinitrophenol	9.904	184	33555	38.595	ng	92
55) Dibenzofuran	10.027	168	359546	39.290	ng	99
56) 4-Nitrophenol	9.969	139	38911	32.865	ng	95
57) 2,4-Dinitrotoluene	10.027	165	77598	36.102	ng	95
58) Fluorene	10.375	166	288018	39.666	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	58962	34.650	ng	97
60) Diethylphthalate	10.245	149	270831	35.780	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	141389	40.060	ng	96
62) 4-Nitroaniline	10.404	138	53743	31.786	ng	94
63) Azobenzene	10.527	77	257486	36.420	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	35350	37.085	ng	95
66) n-Nitrosodiphenylamine	10.486	169	237288	43.917	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	80363	43.505	ng	95
68) Hexachlorobenzene	10.927	284	88589	43.035	ng	94
69) Atrazine	11.016	200	52081	37.687	ng	99
70) Pentachlorophenol	11.127	266	36005	37.524	ng	97
71) Phenanthrene	11.339	178	356625	41.787	ng	100
72) Anthracene	11.392	178	356600	41.259	ng	99
73) Carbazole	11.557	167	316753	38.871	ng	99
74) Di-n-butylphthalate	11.880	149	385043	38.723	ng	99
75) Fluoranthene	12.539	202	346297	37.934	ng	99
77) Benzidine	12.663	184	100688	37.356	ng	98
78) Pyrene	12.768	202	344476	38.388	ng	99
80) Butylbenzylphthalate	13.386	149	127839	39.151	ng	100
81) Benzo(a)anthracene	13.968	228	263740	41.550	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	80489	44.650	ng	98
83) Chrysene	14.004	228	248451	40.026	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	182557	44.436	ng	95
85) Di-n-octyl phthalate	14.562	149	303877	47.818	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.003	276	349357	45.795	ng	100
88) Benzo(b)fluoranthene	15.027	252	267941	37.967	ng	99
89) Benzo(k)fluoranthene	15.057	252	238042	35.697	ng	100
90) Benzo(a)pyrene	15.404	252	236958	39.778	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	286441	45.767	ng	98
92) Benzo(g,h,i)perylene	17.468	276	298999	46.644	ng	99

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

