

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137225.D
 Acq On : 01 Feb 2024 11:48
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 12:24:50 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 31 04:56:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	63016	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	248057	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	149589	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	301557	20.000	ng	0.00
76) Chrysene-d12	13.974	240	163948	20.000	ng	0.00
86) Perylene-d12	15.456	264	149645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	338610	88.665	ng	0.01
7) Phenol-d6	6.434	99	453102	83.137	ng	0.00
23) Nitrobenzene-d5	7.363	82	463602	83.675	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	148406	87.846	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	853333	78.418	ng	0.00
79) Terphenyl-d14	12.921	244	1033483	85.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	78439	38.386	ng	99
3) Pyridine	3.316	79	167152	40.883	ng	97
4) n-Nitrosodimethylamine	3.287	42	83634	41.151	ng	# 95
6) Aniline	6.463	93	262606	45.012	ng	98
8) 2-Chlorophenol	6.581	128	181010	42.390	ng	97
9) Benzaldehyde	6.351	77	97455	46.954	ng	97
10) Phenol	6.445	94	254047	41.760	ng	100
11) bis(2-Chloroethyl)ether	6.539	93	169171	41.611	ng	97
12) 1,3-Dichlorobenzene	6.739	146	204124	40.772	ng	98
13) 1,4-Dichlorobenzene	6.816	146	198215	38.282	ng	99
14) 1,2-Dichlorobenzene	6.963	146	195563	40.396	ng	97
15) Benzyl Alcohol	6.939	79	180898	46.720	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	278772	38.065	ng	99
17) 2-Methylphenol	7.051	107	159977	44.844	ng	97
18) Hexachloroethane	7.304	117	74715	40.010	ng	93
19) n-Nitroso-di-n-propyla...	7.216	70	155515	41.617	ng	96
20) 3+4-Methylphenols	7.204	107	197314	43.692	ng	97
22) Acetophenone	7.210	105	274154	41.053	ng	95
24) Nitrobenzene	7.381	77	227493	42.304	ng	98
25) Isophorone	7.616	82	414547	40.536	ng	98
26) 2-Nitrophenol	7.692	139	88659	42.862	ng	93
27) 2,4-Dimethylphenol	7.733	122	123166	42.136	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	225979	41.611	ng	99
29) 2,4-Dichlorophenol	7.933	162	155590	42.907	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	184085	40.869	ng	99
31) Naphthalene	8.098	128	545560	40.682	ng	99
32) Benzoic acid	7.857	122	85084m	42.611	ng	
33) 4-Chloroaniline	8.145	127	210550	45.644	ng	99
34) Hexachlorobutadiene	8.216	225	118682	39.627	ng	98
35) Caprolactam	8.522	113	53249	47.225	ng	99
36) 4-Chloro-3-methylphenol	8.627	107	185735	43.366	ng	99
37) 2-Methylnaphthalene	8.786	142	371215	41.290	ng	100
38) 1-Methylnaphthalene	8.886	142	344610	41.268	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	199558	39.869	ng	99
41) Hexachlorocyclopentadiene	8.939	237	103426	43.384	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	122107	43.010	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	130634	42.096	ng	97
46) 1,1'-Biphenyl	9.257	154	477481	40.119	ng	97
47) 2-Chloronaphthalene	9.280	162	353089	40.087	ng	98
48) 2-Nitroaniline	9.375	65	132565	46.501	ng	95
49) Acenaphthylene	9.692	152	574235	40.724	ng	99
50) Dimethylphthalate	9.563	163	425918	42.146	ng	98
51) 2,6-Dinitrotoluene	9.622	165	96005	44.551	ng	89
52) Acenaphthene	9.869	154	345274	41.663	ng	100
53) 3-Nitroaniline	9.792	138	92188	47.537	ng	99
54) 2,4-Dinitrophenol	9.892	184	39895	47.131	ng	85
55) Dibenzofuran	10.039	168	536491	40.690	ng	100
56) 4-Nitrophenol	9.945	139	67137	44.278	ng	95
57) 2,4-Dinitrotoluene	10.022	165	132023	47.216	ng	94
58) Fluorene	10.380	166	422285	40.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	127948m	44.312	ng	
60) Diethylphthalate	10.263	149	430964	43.310	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	207669	40.420	ng	95
62) 4-Nitroaniline	10.410	138	90783	48.907	ng	94
63) Azobenzene	10.539	77	456688	41.441	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	72045	45.431	ng	# 79
66) n-Nitrosodiphenylamine	10.498	169	374400	40.833	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	134968	40.704	ng	94
68) Hexachlorobenzene	10.927	284	150386	40.604	ng	97
69) Atrazine	11.033	200	132190	43.672	ng	99
70) Pentachlorophenol	11.121	266	97899	46.110	ng	98
71) Phenanthrene	11.345	178	635365	40.246	ng	99
72) Anthracene	11.398	178	680347	41.347	ng	100
73) Carbazole	11.557	167	571712	41.574	ng	99
74) Di-n-butylphthalate	11.898	149	658004	44.265	ng	99
75) Fluoranthene	12.539	202	665461	40.283	ng	99
77) Benzidine	12.668	184	173587	59.129	ng	98
78) Pyrene	12.768	202	668725	42.444	ng	98
80) Butylbenzylphthalate	13.404	149	204065	50.631	ng	98
81) Benzo(a)anthracene	13.962	228	477081	41.089	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	144588	45.707	ng	98
83) Chrysene	14.004	228	466292	40.849	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	240046	51.193	ng	100
85) Di-n-octyl phthalate	14.586	149	362040	48.558	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	444643	42.293	ng	100
88) Benzo(b)fluoranthene	15.021	252	390196	42.399	ng	98
89) Benzo(k)fluoranthene	15.057	252	377483	38.773	ng	99
90) Benzo(a)pyrene	15.392	252	354746	40.961	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	354993	42.140	ng	98
92) Benzo(g,h,i)perylene	17.415	276	341374	41.288	ng	99

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

