

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
 Data File : BF138483.D
 Acq On : 09 Jul 2024 12:57
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 16:42:51 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 16:32:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95607	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	373631	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	213875	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	387108	20.000	ng	0.00
76) Chrysene-d12	14.021	240	241720	20.000	ng	0.00
86) Perylene-d12	15.486	264	177167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	65093	10.783	ng	0.00
7) Phenol-d6	6.492	99	87236	10.863	ng	-0.01
23) Nitrobenzene-d5	7.422	82	80769	10.614	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	21609	10.811	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	160828	11.753	ng	0.00
79) Terphenyl-d14	12.963	244	151219	10.192	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	13524	5.058	ng	94
3) Pyridine	3.404	79	32861	4.984	ng	# 92
4) n-Nitrosodimethylamine	3.334	42	21187	4.936	ng	# 98
6) Aniline	6.528	93	40104	5.332	ng	93
8) 2-Chlorophenol	6.651	128	34415	5.391	ng	99
9) Benzaldehyde	6.416	77	21968	5.111	ng	96
10) Phenol	6.510	94	46532	5.459	ng	85
11) bis(2-Chloroethyl)ether	6.598	93	33816	5.269	ng	99
12) 1,3-Dichlorobenzene	6.804	146	38543	5.372	ng	99
13) 1,4-Dichlorobenzene	6.881	146	39754	5.456	ng	99
14) 1,2-Dichlorobenzene	7.034	146	37406	5.512	ng	97
15) Benzyl Alcohol	7.004	79	31376	5.206	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	67723	5.366	ng	99
17) 2-Methylphenol	7.116	107	27643	5.284	ng	97
18) Hexachloroethane	7.375	117	13702	5.115	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	27180	5.477	ng	# 96
20) 3+4-Methylphenols	7.269	107	37157	5.640	ng	# 86
22) Acetophenone	7.269	105	51214	5.644	ng	98
24) Nitrobenzene	7.439	77	40407	5.225	ng	97
25) Isophorone	7.681	82	69334	5.305	ng	99
26) 2-Nitrophenol	7.763	139	15849	4.782	ng	99
27) 2,4-Dimethylphenol	7.798	122	21415	5.257	ng	95
28) bis(2-Chloroethoxy)met...	7.892	93	42799	5.480	ng	96
29) 2,4-Dichlorophenol	8.004	162	27252	5.151	ng	94
30) 1,2,4-Trichlorobenzene	8.086	180	33758	5.478	ng	96
31) Naphthalene	8.169	128	108567	5.587	ng	99
32) Benzoic acid	7.869	122	15780m	4.081	ng	
33) 4-Chloroaniline	8.216	127	36217	5.312	ng	98
34) Hexachlorobutadiene	8.280	225	20646	5.440	ng	99
35) Caprolactam	8.545	113	8681	5.083	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	31800	5.369	ng	96
37) 2-Methylnaphthalene	8.857	142	70736	5.657	ng	97
38) 1-Methylnaphthalene	8.957	142	68735	5.632	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	32268	5.413	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	20117	5.291	ng	99
44) 2,4,5-Trichlorophenol	9.180	196	21865	5.228	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	90418	5.578	ng	100
47) 2-Chloronaphthalene	9.345	162	67558	5.517	ng	99
48) 2-Nitroaniline	9.439	65	21556	5.080	ng	88
49) Acenaphthylene	9.763	152	96398	5.545	ng	98
50) Dimethylphthalate	9.616	163	74353	5.376	ng	99
51) 2,6-Dinitrotoluene	9.680	165	16379	5.144	ng	92
52) Acenaphthene	9.933	154	64972	5.622	ng	96
53) 3-Nitroaniline	9.851	138	16892	5.176	ng	# 96
55) Dibenzofuran	10.104	168	95211	5.680	ng	97
56) 4-Nitrophenol	10.016	139	11492	4.772	ng	95
57) 2,4-Dinitrotoluene	10.080	165	20591	4.998	ng	93
58) Fluorene	10.445	166	76118	5.739	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	16218	4.914	ng	95
60) Diethylphthalate	10.316	149	72716	5.454	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	38564	5.791	ng	98
62) 4-Nitroaniline	10.457	138	16533	5.055	ng	99
63) Azobenzene	10.598	77	79033	5.514	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	8699	3.892	ng	98
66) n-Nitrosodiphenylamine	10.557	169	62125	5.357	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	21309	5.356	ng	97
68) Hexachlorobenzene	10.992	284	24308	5.499	ng	93
69) Atrazine	11.080	200	21224	5.520	ng	96
70) Pentachlorophenol	11.192	266	11219	4.289	ng	99
71) Phenanthrene	11.410	178	109935	5.621	ng	98
72) Anthracene	11.463	178	106764	5.499	ng	99
73) Carbazole	11.616	167	96281	5.519	ng	98
74) Di-n-butylphthalate	11.945	149	110092	5.475	ng	97
75) Fluoranthene	12.598	202	116434	5.835	ng	98
77) Benzidine	12.721	184	27299	4.476	ng	99
78) Pyrene	12.827	202	119645	4.876	ng	99
80) Butylbenzylphthalate	13.439	149	35513	4.811	ng	97
81) Benzo(a)anthracene	14.010	228	88044	5.428	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	22845	5.466	ng	99
83) Chrysene	14.045	228	83728	5.457	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	34831	4.424	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	48310	4.060	ng	96
88) Benzo(b)fluoranthene	15.057	252	57855	5.799	ng	99
89) Benzo(k)fluoranthene	15.086	252	56227	5.778	ng	100
90) Benzo(a)pyrene	15.421	252	47287	5.395	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	40115	4.121	ng	98
92) Benzo(g,h,i)perylene	17.392	276	41890	4.058	ng	94

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

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