

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138971.D
 Acq On : 13 Aug 2024 13:17
 Operator : RC/JU
 Sample : P3512-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 13:44:29 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	6.839	152	37125	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	150683	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	82249	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	123244	20.000	ng	0.00
76) Chrysene-d12	14.004	240	66622	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	68010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	252336	104.921	ng	0.01
7) Phenol-d6	6.487	99	345918	107.129	ng	0.00
23) Nitrobenzene-d5	7.404	82	217612	70.607	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	64326	95.477	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	328400	59.991	ng	-0.01
79) Terphenyl-d14	12.939	244	239848	60.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	44755	42.505	ng	94
3) Pyridine	3.428	79	116267	45.583	ng	95
4) n-Nitrosodimethylamine	3.399	42	100492	66.152	ng	# 79
6) Aniline	6.504	93	142092	49.344	ng	# 33
8) 2-Chlorophenol	6.634	128	150203	59.361	ng	97
9) Benzaldehyde	6.404	77	5291	2.733	ng	97
10) Phenol	6.504	94	192964	56.759	ng	77
11) bis(2-Chloroethyl)ether	6.575	93	141601	54.125	ng	100
12) 1,3-Dichlorobenzene	6.781	146	154505	54.549	ng	97
13) 1,4-Dichlorobenzene	6.857	146	159055	55.644	ng	98
14) 1,2-Dichlorobenzene	7.010	146	151249	56.618	ng	99
15) Benzyl Alcohol	6.992	79	141802	60.931	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	246312	54.707	ng	52
17) 2-Methylphenol	7.104	107	116981	55.987	ng	# 85
18) Hexachloroethane	7.345	117	61652	57.299	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	116938	59.961	ng	97
20) 3+4-Methylphenols	7.263	107	159016	59.316	ng	# 72
22) Acetophenone	7.251	105	203961	55.282	ng	99
24) Nitrobenzene	7.428	77	171899	54.812	ng	99
25) Isophorone	7.663	82	306406	58.223	ng	97
26) 2-Nitrophenol	7.739	139	78436	58.132	ng	89
27) 2,4-Dimethylphenol	7.781	122	101840	63.084	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	176466	55.063	ng	99
29) 2,4-Dichlorophenol	7.992	162	121693	58.663	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	133722	55.858	ng	99
31) Naphthalene	8.145	128	444093	55.991	ng	100
32) Benzoic acid	7.939	122	49017	38.626	ng	94
33) 4-Chloroaniline	8.198	127	80553	30.256	ng	98
34) Hexachlorobutadiene	8.251	225	83174	57.361	ng	99
35) Caprolactam	8.581	113	35035m	56.601	ng	
36) 4-Chloro-3-methylphenol	8.692	107	138118	58.259	ng	100
37) 2-Methylnaphthalene	8.833	142	287061	57.307	ng	99
38) 1-Methylnaphthalene	8.933	142	265654	54.121	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	124527	54.503	ng	98
41) Hexachlorocyclopentadiene	8.981	237	64394	104.175	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	78106	56.068	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	83846	55.057	ng	97
46) 1,1'-Biphenyl	9.298	154	334819	51.977	ng	99
47) 2-Chloronaphthalene	9.322	162	267519	55.840	ng	100
48) 2-Nitroaniline	9.428	65	96246	59.259	ng	97
49) Acenaphthylene	9.739	152	413674	60.881	ng	99
50) Dimethylphthalate	9.598	163	317471	60.366	ng	100
51) 2,6-Dinitrotoluene	9.669	165	67589	56.947	ng	# 86
52) Acenaphthene	9.910	154	248503	54.406	ng	99
53) 3-Nitroaniline	9.839	138	48433	39.474	ng	98
54) 2,4-Dinitrophenol	9.957	184	52406	95.918	ng	# 78
55) Dibenzofuran	10.080	168	370587	57.476	ng	97
56) 4-Nitrophenol	10.022	139	58220	78.906	ng	82
57) 2,4-Dinitrotoluene	10.075	165	89116	58.851	ng	# 80
58) Fluorene	10.422	166	298144	58.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59493	51.098	ng	91
60) Diethylphthalate	10.298	149	302083	60.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	147065	58.238	ng	94
62) 4-Nitroaniline	10.457	138	59944m	51.410	ng	
63) Azobenzene	10.575	77	315602	57.065	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	43817	58.276	ng	88
66) n-Nitrosodiphenylamine	10.533	169	242474	62.942	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	82477	61.811	ng	99
68) Hexachlorobenzene	10.969	284	82098	59.590	ng	98
69) Atrazine	11.063	200	68059	68.476	ng	99
70) Pentachlorophenol	11.175	266	49385	79.525	ng	99
71) Phenanthrene	11.386	178	381706	60.148	ng	100
72) Anthracene	11.439	178	389120	62.242	ng	100
73) Carbazole	11.598	167	304281	56.414	ng	98
74) Di-n-butylphthalate	11.916	149	398066	65.651	ng	99
75) Fluoranthene	12.574	202	326528	55.115	ng	98
77) Benzidine	12.698	184	81202	50.959	ng	98
78) Pyrene	12.804	202	324924	51.800	ng	100
80) Butylbenzylphthalate	13.410	149	126579	63.016	ng	100
81) Benzo(a)anthracene	13.992	228	267053	58.210	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	68371	58.237	ng	99
83) Chrysene	14.027	228	244281	59.019	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	174471	59.316	ng	99
85) Di-n-octyl phthalate	14.574	149	303177	55.710	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	217009	44.525	ng	97
88) Benzo(b)fluoranthene	15.039	252	249193	59.107	ng	97
89) Benzo(k)fluoranthene	15.068	252	238262	65.273	ng	98
90) Benzo(a)pyrene	15.404	252	221372	62.425	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	179312	44.819	ng	96
92) Benzo(g,h,i)perylene	17.386	276	156174	37.617	ng	96

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

