

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136961.D
 Acq On : 05 Jan 2024 02:00
 Operator : CG\JU
 Sample : P1004-01MS 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 03:54:58 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	6.781	152	45119	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	161856	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	74258	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	138982	20.000	ng	0.00
76) Chrysene-d12	13.969	240	114498	20.000	ng	0.00
86) Perylene-d12	15.457	264	91469	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	158228	54.718	ng	0.00
7) Phenol-d6	6.434	99	188929	50.422	ng	0.00
23) Nitrobenzene-d5	7.345	82	111485	35.246	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	45870	52.450	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	225691	40.878	ng	-0.02
79) Terphenyl-d14	12.904	244	253186	30.902	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.505	88	23948	19.876	ng	100
3) Pyridine	3.287	79	54133	18.414	ng	93
4) n-Nitrosodimethylamine	3.228	42	29886	19.037	ng	# 94
6) Aniline	6.451	93	66896	17.857	ng	# 67
8) 2-Chlorophenol	6.575	128	65623	20.737	ng	96
9) Benzaldehyde	6.340	77	13652	6.406	ng	100
10) Phenol	6.445	94	80481	20.121	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	63243	20.791	ng	96
12) 1,3-Dichlorobenzene	6.722	146	68933	19.968	ng	96
13) 1,4-Dichlorobenzene	6.798	146	71365	20.232	ng	99
14) 1,2-Dichlorobenzene	6.951	146	66201	20.170	ng	99
15) Benzyl Alcohol	6.928	79	49592	19.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	95207	19.144	ng	79
17) 2-Methylphenol	7.051	107	53385	20.364	ng	92
18) Hexachloroethane	7.287	117	21960	17.143	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	44539	19.609	ng	94
20) 3+4-Methylphenols	7.204	107	64778	19.779	ng	# 54
22) Acetophenone	7.187	105	92928	22.906	ng	# 89
24) Nitrobenzene	7.363	77	63825	20.143	ng	95
25) Isophorone	7.598	82	116459	20.234	ng	99
26) 2-Nitrophenol	7.681	139	29973	19.772	ng	98
27) 2,4-Dimethylphenol	7.722	122	48730	26.403	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	72299	20.666	ng	99
29) 2,4-Dichlorophenol	7.934	162	48972	20.611	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	55466	20.951	ng	97
31) Naphthalene	8.081	128	184792	20.782	ng	99
32) Benzoic acid	7.828	122	28440	15.926	ng	90
33) 4-Chloroaniline	8.140	127	59348	18.077	ng	94
34) Hexachlorobutadiene	8.192	225	31467	19.564	ng	99
35) Caprolactam	8.487	113	16985	21.669	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	51186	19.136	ng	93
37) 2-Methylnaphthalene	8.775	142	114656	20.036	ng	98
38) 1-Methylnaphthalene	8.875	142	109417	19.489	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	54519	23.707	ng	97
41) Hexachlorocyclopentadiene	8.922	237	477	5.509	ng	88
43) 2,4,6-Trichlorophenol	9.057	196	32933	22.330	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	35207	21.422	ng	97
46) 1,1'-Biphenyl	9.239	154	148995	23.910	ng	97
47) 2-Chloronaphthalene	9.263	162	105240	22.216	ng	99
48) 2-Nitroaniline	9.369	65	31849	21.470	ng	90
49) Acenaphthylene	9.681	152	172401	23.810	ng	99
50) Dimethylphthalate	9.539	163	120297	22.179	ng	99
51) 2,6-Dinitrotoluene	9.604	165	24067	19.551	ng	90
52) Acenaphthene	9.851	154	98373	21.917	ng	98
53) 3-Nitroaniline	9.781	138	27656	21.209	ng	89
54) 2,4-Dinitrophenol	9.904	184	1225	5.447	ng	90
55) Dibenzofuran	10.022	168	152931	22.477	ng	98
56) 4-Nitrophenol	9.969	139	28761	32.673	ng	91
57) 2,4-Dinitrotoluene	10.016	165	30644	19.176	ng	94
58) Fluorene	10.369	166	116736	21.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	27907	22.058	ng	93
60) Diethylphthalate	10.239	149	122429	21.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	56827	21.656	ng	99
62) 4-Nitroaniline	10.392	138	26767m	21.293	ng	
63) Azobenzene	10.522	77	107467	20.445	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	1595	2.003	ng	83
66) n-Nitrosodiphenylamine	10.481	169	103138	22.845	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	33163	21.486	ng	94
68) Hexachlorobenzene	10.916	284	35799	20.812	ng	100
69) Atrazine	11.010	200	33901	29.358	ng	97
70) Pentachlorophenol	11.122	266	27552	34.365	ng	96
71) Phenanthrene	11.333	178	174127	24.417	ng	99
72) Anthracene	11.386	178	172151	23.837	ng	99
73) Carbazole	11.545	167	161836	23.768	ng	99
74) Di-n-butylphthalate	11.875	149	199177	23.972	ng	99
75) Fluoranthene	12.533	202	231536	30.353	ng	99
77) Benzidine	12.663	184	52195	15.460	ng	99
78) Pyrene	12.763	202	232063	20.646	ng	99
80) Butylbenzylphthalate	13.386	149	88811	21.715	ng	98
81) Benzo(a)anthracene	13.963	228	205031	25.788	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	57928	25.656	ng	99
83) Chrysene	13.998	228	190279	24.474	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	131409	25.537	ng	97
85) Di-n-octyl phthalate	14.563	149	233170	29.293	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	124955	18.921	ng	99
88) Benzo(b)fluoranthene	15.021	252	154311	25.258	ng	96
89) Benzo(k)fluoranthene	15.051	252	139990	24.250	ng	98
90) Benzo(a)pyrene	15.392	252	119690	23.210	ng	96
91) Dibenzo(a,h)anthracene	16.986	278	101503	18.734	ng	98
92) Benzo(g,h,i)perylene	17.433	276	97200	17.516	ng	98

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

