

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138644.D
 Acq On : 24 Jul 2024 17:15
 Operator : RC/JU
 Sample : P3340-01MS 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 18:14:25 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 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80177	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	306007	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	129842	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	187612	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	112974	20.000	ng	-0.02
86) Perylene-d12	15.474	264	93879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	300388	59.336	ng	-0.01
7) Phenol-d6	6.492	99	407085	60.447	ng	-0.01
23) Nitrobenzene-d5	7.416	82	258817	41.526	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	62008	51.098	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	378397	45.548	ng	-0.02
79) Terphenyl-d14	12.957	244	303666	43.790	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	44252	19.737	ng	98
3) Pyridine	3.398	79	115217	20.838	ng	96
4) n-Nitrosodimethylamine	3.346	42	86056	23.908	ng	94
6) Aniline	6.516	93	121202	19.214	ng	# 71
8) 2-Chlorophenol	6.639	128	137301	25.649	ng	98
9) Benzaldehyde	6.404	77	9967	2.765	ng	91
10) Phenol	6.504	94	180220	25.211	ng	95
11) bis(2-Chloroethyl)ether	6.587	93	137528	25.553	ng	98
12) 1,3-Dichlorobenzene	6.792	146	142932	23.754	ng	97
13) 1,4-Dichlorobenzene	6.869	146	142604	23.339	ng	97
14) 1,2-Dichlorobenzene	7.022	146	137987	24.247	ng	97
15) Benzyl Alcohol	6.998	79	129222	25.568	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	247837	23.416	ng	76
17) 2-Methylphenol	7.110	107	110184	25.115	ng	95
18) Hexachloroethane	7.363	117	51451	22.905	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	104374	25.082	ng	95
20) 3+4-Methylphenols	7.263	107	141034	25.529	ng	97
22) Acetophenone	7.263	105	180571	24.296	ng	98
24) Nitrobenzene	7.434	77	151370	23.899	ng	97
25) Isophorone	7.675	82	271828	25.397	ng	99
26) 2-Nitrophenol	7.751	139	66465	24.484	ng	94
27) 2,4-Dimethylphenol	7.792	122	90221	27.041	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	166910	26.093	ng	99
29) 2,4-Dichlorophenol	7.998	162	99509	22.967	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	113525	22.492	ng	97
31) Naphthalene	8.157	128	383554	24.100	ng	100
32) Benzoic acid	7.898	122	44313	13.925	ng	93
33) 4-Chloroaniline	8.210	127	72710	13.021	ng	98
34) Hexachlorobutadiene	8.269	225	68272	21.966	ng	99
35) Caprolactam	8.563	113	28357	20.283	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	105338	21.717	ng	99
37) 2-Methylnaphthalene	8.845	142	230228	22.480	ng	99
38) 1-Methylnaphthalene	8.945	142	207415	20.751	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	92500	25.561	ng	99
41) Hexachlorocyclopentadiene	8.998	237	17321	14.746	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	57047	24.713	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	56609	22.297	ng	# 95
46) 1,1'-Biphenyl	9.310	154	252589	25.670	ng	99
47) 2-Chloronaphthalene	9.333	162	190993	25.693	ng	98
48) 2-Nitroaniline	9.433	65	68907	26.750	ng	94
49) Acenaphthylene	9.751	152	292998	27.762	ng	100
50) Dimethylphthalate	9.610	163	236634	28.185	ng	99
51) 2,6-Dinitrotoluene	9.675	165	45888	23.738	ng	93
52) Acenaphthene	9.922	154	169440m	24.152	ng	
53) 3-Nitroaniline	9.839	138	39083	19.726	ng	90
54) 2,4-Dinitrophenol	9.957	184	8298	12.199	ng	93
55) Dibenzofuran	10.092	168	246424	24.217	ng	99
56) 4-Nitrophenol	10.010	139	54240	37.102	ng	99
57) 2,4-Dinitrotoluene	10.075	165	54568	21.817	ng	97
58) Fluorene	10.433	166	187207	23.251	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	41520	20.721	ng	99
60) Diethylphthalate	10.304	149	210686	26.030	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	92173	22.798	ng	93
62) 4-Nitroaniline	10.451	138	40522	20.410	ng	99
63) Azobenzene	10.586	77	198939	22.861	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	8447	7.798	ng	77
66) n-Nitrosodiphenylamine	10.545	169	155543	27.672	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	49686	25.767	ng	99
68) Hexachlorobenzene	10.980	284	50118	23.396	ng	99
69) Atrazine	11.069	200	45840	24.597	ng	97
70) Pentachlorophenol	11.180	266	50357	39.726	ng	97
71) Phenanthrene	11.398	178	280437	29.587	ng	100
72) Anthracene	11.451	178	258276	27.451	ng	99
73) Carbazole	11.604	167	221105	26.150	ng	99
74) Di-n-butylphthalate	11.933	149	272542	27.964	ng	99
75) Fluoranthene	12.586	202	336270	34.769	ng	98
77) Benzidine	12.710	184	84050	29.488	ng	99
78) Pyrene	12.816	202	355583	31.006	ng	98
80) Butylbenzylphthalate	13.427	149	115091	33.361	ng	96
81) Benzo(a)anthracene	14.004	228	236919	31.253	ng	98
82) 3,3'-Dichlorobenzidine	13.963	252	52846	27.054	ng	# 99
83) Chrysene	14.039	228	201611	28.114	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	158349	43.037	ng	98
85) Di-n-octyl phthalate	14.598	149	222568	38.291	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	165427	26.234	ng	99
88) Benzo(b)fluoranthene	15.051	252	178396	33.742	ng	100
89) Benzo(k)fluoranthene	15.074	252	136063	26.387	ng	99
90) Benzo(a)pyrene	15.415	252	149039	32.090	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	121552	23.565	ng	99
92) Benzo(g,h,i)perylene	17.386	276	128754	23.539	ng	99

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

