

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138475.D
 Acq On : 05 Jul 2024 18:36
 Operator : CG\JU
 Sample : P3159-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 19:08:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60528	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	233038	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115267	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	167735	20.000	ng	0.00
76) Chrysene-d12	14.033	240	99950	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	79894	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	479822	131.430	ng	0.00
7) Phenol-d6	6.510	99	628383	127.774	ng	0.00
23) Nitrobenzene-d5	7.434	82	398083	88.739	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	118057	125.360	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	667575	92.170	ng	0.00
79) Terphenyl-d14	12.980	244	573070	78.574	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	69317	40.310	ng	96
3) Pyridine	3.369	79	183002	44.608	ng	98
4) n-Nitrosodimethylamine	3.316	42	135536m	52.957	ng	
6) Aniline	6.534	93	158311	32.987	ng	99
8) 2-Chlorophenol	6.657	128	200617	51.188	ng	100
9) Benzaldehyde	6.422	77	29661	9.772	ng	96
10) Phenol	6.522	94	264826	50.543	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	195364	47.475	ng	99
12) 1,3-Dichlorobenzene	6.816	146	210566	46.916	ng	95
13) 1,4-Dichlorobenzene	6.892	146	216899	48.197	ng	97
14) 1,2-Dichlorobenzene	7.039	146	202426	48.724	ng	99
15) Benzyl Alcohol	7.016	79	186650	52.988	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	397648	47.907	ng	98
17) 2-Methylphenol	7.128	107	158568	48.818	ng	98
18) Hexachloroethane	7.386	117	75535	46.534	ng	93
19) n-Nitroso-di-n-propyla...	7.281	70	145744	47.009	ng	98
20) 3+4-Methylphenols	7.281	107	200252	53.061	ng	91
22) Acetophenone	7.281	105	254172	48.077	ng	# 95
24) Nitrobenzene	7.457	77	222936	48.860	ng	97
25) Isophorone	7.692	82	400786	48.452	ng	99
26) 2-Nitrophenol	7.769	139	101840	51.746	ng	89
27) 2,4-Dimethylphenol	7.810	122	136615	54.238	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	231773	46.551	ng	100
29) 2,4-Dichlorophenol	8.016	162	159672	49.356	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	175885	46.759	ng	99
31) Naphthalene	8.175	128	574068	48.729	ng	100
32) Benzoic acid	7.910	122	78505	35.286	ng	94
33) 4-Chloroaniline	8.222	127	88498	21.509	ng	99
34) Hexachlorobutadiene	8.292	225	104016	46.058	ng	99
35) Caprolactam	8.581	113	48346	47.325	ng	90
36) 4-Chloro-3-methylphenol	8.710	107	172304	50.002	ng	97
37) 2-Methylnaphthalene	8.869	142	360834	47.392	ng	97
38) 1-Methylnaphthalene	8.969	142	334075	45.243	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	154070	48.324	ng	99
41) Hexachlorocyclopentadiene	9.016	237	43504	46.356	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	105758	52.130	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	109358	49.564	ng	98
46) 1,1'-Biphenyl	9.333	154	411620	47.826	ng	98
47) 2-Chloronaphthalene	9.357	162	321693	49.023	ng	98
48) 2-Nitroaniline	9.451	65	118774	56.112	ng	94
49) Acenaphthylene	9.775	152	496956	53.849	ng	100
50) Dimethylphthalate	9.627	163	388925	52.501	ng	99
51) 2,6-Dinitrotoluene	9.692	165	81201	48.942	ng	95
52) Acenaphthene	9.945	154	315829m	49.979	ng	
53) 3-Nitroaniline	9.863	138	66188	40.392	ng	96
54) 2,4-Dinitrophenol	9.969	184	32008	49.450	ng	92
55) Dibenzofuran	10.116	168	435741	50.047	ng	98
56) 4-Nitrophenol	10.027	139	110408	103.919	ng	# 80
57) 2,4-Dinitrotoluene	10.098	165	100627	49.258	ng	# 86
58) Fluorene	10.457	166	320265	46.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	77393	47.225	ng	# 95
60) Diethylphthalate	10.327	149	353531	51.043	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	164767	46.940	ng	98
62) 4-Nitroaniline	10.475	138	73254	48.705	ng	96
63) Azobenzene	10.610	77	352605	48.206	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	28563	33.760	ng	93
66) n-Nitrosodiphenylamine	10.569	169	279329	53.642	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	88981	49.353	ng	96
68) Hexachlorobenzene	11.004	284	92492	46.544	ng	97
69) Atrazine	11.092	200	83861	57.438	ng	100
70) Pentachlorophenol	11.198	266	95293	94.481	ng	99
71) Phenanthrene	11.422	178	433035	52.876	ng	99
72) Anthracene	11.469	178	437660	53.588	ng	99
73) Carbazole	11.627	167	386932	57.066	ng	99
74) Di-n-butylphthalate	11.951	149	464517	54.058	ng	99
75) Fluoranthene	12.610	202	465867	63.452	ng	99
77) Benzidine	12.727	184	151699	189.804	ng	96
78) Pyrene	12.839	202	481114	45.037	ng	99
80) Butylbenzylphthalate	13.451	149	182509	56.145	ng	97
81) Benzo(a)anthracene	14.021	228	342314	53.210	ng	97
82) 3,3'-Dichlorobenzidine	13.986	252	88134	46.401	ng	99
83) Chrysene	14.063	228	324765	51.879	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236395	57.988	ng	100
85) Di-n-octyl phthalate	14.621	149	352379	49.384	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	242598	60.433	ng	96
88) Benzo(b)fluoranthene	15.074	252	238813	54.480	ng	98
89) Benzo(k)fluoranthene	15.104	252	226699	56.148	ng	99
90) Benzo(a)pyrene	15.439	252	211616	55.077	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	198489	61.255	ng	98
92) Benzo(g,h,i)perylene	17.427	276	188081	59.333	ng	97

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

