

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138432.D
 Acq On : 02 Jul 2024 17:41
 Operator : CG\JU
 Sample : P3120-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2040627MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 18:37:35 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	171272	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	646778	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	308345	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	426498	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	285448	20.000	ng	0.00
86) Perylene-d12	15.492	264	231599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1171238	113.378	ng	0.02
7) Phenol-d6	6.516	99	1443659	103.741	ng	0.00
23) Nitrobenzene-d5	7.440	82	1074048	86.265	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	282457	112.121	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1645299	84.919	ng	0.00
79) Terphenyl-d14	12.974	244	1261859	60.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	204287	41.984	ng	# 85
3) Pyridine	3.493	79	314344	27.079	ng	97
4) n-Nitrosodimethylamine	3.457	42	349181	48.216	ng	97
6) Aniline	6.540	93	153968	11.338	ng	99
8) 2-Chlorophenol	6.663	128	517263	46.643	ng	97
9) Benzaldehyde	6.422	77	63266	7.366	ng	99
10) Phenol	6.528	94	583752	39.373	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	555215	47.681	ng	99
12) 1,3-Dichlorobenzene	6.816	146	548563	43.194	ng	98
13) 1,4-Dichlorobenzene	6.893	146	557229	43.759	ng	98
14) 1,2-Dichlorobenzene	7.045	146	530559	45.132	ng	97
15) Benzyl Alcohol	7.016	79	437719	43.915	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1083845	46.147	ng	97
17) 2-Methylphenol	7.134	107	393500	42.814	ng	98
18) Hexachloroethane	7.387	117	201963	43.971	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	387372	44.156	ng	95
20) 3+4-Methylphenols	7.287	107	458063	42.893	ng	97
22) Acetophenone	7.287	105	639937	43.613	ng	# 95
24) Nitrobenzene	7.457	77	617052	48.727	ng	100
25) Isophorone	7.698	82	1059849	46.166	ng	99
26) 2-Nitrophenol	7.775	139	274254	50.209	ng	95
27) 2,4-Dimethylphenol	7.810	122	344615	49.296	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	629555	45.559	ng	98
29) 2,4-Dichlorophenol	8.016	162	398903	44.427	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	456064	43.685	ng	100
31) Naphthalene	8.181	128	1477373	45.184	ng	100
32) Benzoic acid	7.928	122	214578	34.813	ng	96
33) 4-Chloroaniline	8.228	127	31375	2.748	ng	97
34) Hexachlorobutadiene	8.292	225	260167	41.508	ng	99
35) Caprolactam	8.592	113	100203m	35.341	ng	
36) 4-Chloro-3-methylphenol	8.716	107	413770	43.264	ng	97
37) 2-Methylnaphthalene	8.869	142	916042	43.349	ng	99
38) 1-Methylnaphthalene	8.969	142	845731	41.268	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	376604	44.156	ng	99
41) Hexachlorocyclopentadiene	9.022	237	322989	128.656	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	261947	48.267	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	264710	44.850	ng	95
46) 1,1'-Biphenyl	9.334	154	1039403	45.146	ng	99
47) 2-Chloronaphthalene	9.357	162	819014	46.657	ng	98
48) 2-Nitroaniline	9.451	65	246544	43.541	ng	95
49) Acenaphthylene	9.775	152	1236120	50.071	ng	100
50) Dimethylphthalate	9.634	163	963047	48.597	ng	100
51) 2,6-Dinitrotoluene	9.698	165	209375	47.175	ng	89
52) Acenaphthene	9.945	154	837837m	49.564	ng	
53) 3-Nitroaniline	9.857	138	35486	8.096	ng	92
54) 2,4-Dinitrophenol	9.969	184	163507	86.307	ng	97
55) Dibenzofuran	10.116	168	1074227	46.122	ng	99
56) 4-Nitrophenol	10.034	139	235913	83.007	ng	95
57) 2,4-Dinitrotoluene	10.098	165	255167	46.694	ng	95
58) Fluorene	10.457	166	784405	42.385	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	202110	46.103	ng	100
60) Diethylphthalate	10.328	149	850882	45.925	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	395974	42.170	ng	96
62) 4-Nitroaniline	10.475	138	97506	24.235	ng	95
63) Azobenzene	10.610	77	870419	44.484	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	120914	52.350	ng	92
66) n-Nitrosodiphenylamine	10.569	169	518423	39.154	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	226071	49.314	ng	93
68) Hexachlorobenzene	11.004	284	231662	45.848	ng	95
69) Atrazine	11.086	200	58258	15.693	ng	98
70) Pentachlorophenol	11.198	266	250366	97.626	ng	97
71) Phenanthrene	11.422	178	1024710	49.209	ng	99
72) Anthracene	11.469	178	1035549	49.866	ng	100
73) Carbazole	11.628	167	701390	40.682	ng	98
74) Di-n-butylphthalate	11.951	149	1098372	50.271	ng	99
75) Fluoranthene	12.604	202	983909	52.704	ng	97
77) Benzidine	12.745	184	10060m	4.407	ng	
78) Pyrene	12.833	202	1018940	33.398	ng	100
80) Butylbenzylphthalate	13.451	149	426585	45.950	ng	100
81) Benzo(a)anthracene	14.021	228	905578	49.289	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	5361	0.988	ng	94
83) Chrysene	14.057	228	883370	49.411	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	595377	51.139	ng	98
85) Di-n-octyl phthalate	14.621	149	1081153	53.054	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	625276	53.732	ng	98
88) Benzo(b)fluoranthene	15.068	252	747146	58.798	ng	97
89) Benzo(k)fluoranthene	15.098	252	764435	65.314	ng	99
90) Benzo(a)pyrene	15.433	252	629606	56.529	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	517988	55.145	ng	98
92) Benzo(g,h,i)perylene	17.409	276	460897	50.157	ng	97

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

