

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138546.D
 Acq On : 12 Jul 2024 15:03
 Operator : CG\JU
 Sample : P3193-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS

Quant Time: Jul 12 15:36:27 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85651	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	348278	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	191419	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	283349	20.000	ng	0.00
76) Chrysene-d12	14.022	240	155879	20.000	ng	0.00
86) Perylene-d12	15.486	264	170888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	601459	111.215	ng	0.00
7) Phenol-d6	6.504	99	816337	113.469	ng	0.00
23) Nitrobenzene-d5	7.434	82	540105	76.140	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	194843	108.912	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	977321	79.797	ng	0.00
79) Terphenyl-d14	12.969	244	713395	74.558	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	105668	44.117	ng	98
3) Pyridine	3.457	79	285766	48.379	ng	99
4) n-Nitrosodimethylamine	3.428	42	204943	53.299	ng	95
6) Aniline	6.528	93	343690	51.003	ng	91
8) 2-Chlorophenol	6.651	128	323518	56.574	ng	97
9) Benzaldehyde	6.416	77	35250	9.154	ng	99
10) Phenol	6.522	94	424019	55.526	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	311969	54.260	ng	98
12) 1,3-Dichlorobenzene	6.804	146	333465	51.878	ng	96
13) 1,4-Dichlorobenzene	6.881	146	339017	51.938	ng	98
14) 1,2-Dichlorobenzene	7.034	146	324108	53.312	ng	97
15) Benzyl Alcohol	7.010	79	309683	57.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	595691	52.686	ng	98
17) 2-Methylphenol	7.122	107	260271	55.535	ng	97
18) Hexachloroethane	7.375	117	126527	52.728	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	245020	55.118	ng	95
20) 3+4-Methylphenols	7.275	107	324490	54.982	ng	# 88
22) Acetophenone	7.275	105	417396	49.345	ng	# 95
24) Nitrobenzene	7.451	77	371783	51.575	ng	98
25) Isophorone	7.692	82	681992	55.984	ng	97
26) 2-Nitrophenol	7.763	139	176790	57.220	ng	93
27) 2,4-Dimethylphenol	7.804	122	226533	59.656	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	398266	54.704	ng	99
29) 2,4-Dichlorophenol	8.010	162	273444	55.452	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	297250	51.745	ng	97
31) Naphthalene	8.169	128	952009	52.559	ng	99
32) Benzoic acid	7.940	122	158939	43.884	ng	93
33) 4-Chloroaniline	8.216	127	223100	35.104	ng	99
34) Hexachlorobutadiene	8.281	225	178847	50.559	ng	97
35) Caprolactam	8.598	113	79421m	49.912	ng	
36) 4-Chloro-3-methylphenol	8.704	107	303009	54.887	ng	98
37) 2-Methylnaphthalene	8.863	142	625813	53.688	ng	99
38) 1-Methylnaphthalene	8.963	142	577601	50.773	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	274150	51.387	ng	99
41) Hexachlorocyclopentadiene	9.010	237	257133	148.492	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	190267	55.910	ng	97

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44) 2,4,5-Trichlorophenol	9.192	196	201214	53.758	ng	98
46) 1,1'-Biphenyl	9.328	154	742951	51.215	ng	100
47) 2-Chloronaphthalene	9.351	162	581822	53.090	ng	98
48) 2-Nitroaniline	9.451	65	206952	54.495	ng	97
49) Acenaphthylene	9.769	152	900991	57.907	ng	100
50) Dimethylphthalate	9.628	163	712888	57.595	ng	99
51) 2,6-Dinitrotoluene	9.692	165	153375	53.818	ng	94
52) Acenaphthene	9.939	154	551696	53.342	ng	98
53) 3-Nitroaniline	9.863	138	112765	38.606	ng	99
54) 2,4-Dinitrophenol	9.969	184	138522	89.950	ng	95
55) Dibenzofuran	10.110	168	804562	53.632	ng	98
56) 4-Nitrophenol	10.034	139	193683	89.866	ng	90
57) 2,4-Dinitrotoluene	10.098	165	192744	52.271	ng	89
58) Fluorene	10.451	166	619582	52.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	159229	53.903	ng	99
60) Diethylphthalate	10.328	149	681246	57.092	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	317129	53.205	ng	99
62) 4-Nitroaniline	10.475	138	136916	46.777	ng	99
63) Azobenzene	10.604	77	694382	54.126	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	100827	61.627	ng	92
66) n-Nitrosodiphenylamine	10.563	169	534803	62.997	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	183475	63.000	ng	96
68) Hexachlorobenzene	10.998	284	189202	58.480	ng	95
69) Atrazine	11.092	200	161561	57.401	ng	99
70) Pentachlorophenol	11.192	266	186908	97.631	ng	97
71) Phenanthrene	11.416	178	807710	56.424	ng	100
72) Anthracene	11.463	178	820311	57.728	ng	99
73) Carbazole	11.622	167	628245	49.197	ng	100
74) Di-n-butylphthalate	11.945	149	918228	62.381	ng	99
75) Fluoranthene	12.598	202	663604	45.431	ng	98
77) Benzidine	12.722	184	257181	65.394	ng	100
78) Pyrene	12.827	202	659512	41.678	ng	99
80) Butylbenzylphthalate	13.445	149	291577	61.254	ng	96
81) Benzo(a)anthracene	14.016	228	589928	56.401	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	166871	61.915	ng	# 99
83) Chrysene	14.051	228	570793	57.687	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	417978	82.332	ng	100
85) Di-n-octyl phthalate	14.610	149	769460	95.943	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	433704	37.784	ng	100
88) Benzo(b)fluoranthene	15.063	252	561274	58.321	ng	99
89) Benzo(k)fluoranthene	15.092	252	571835	60.924	ng	99
90) Benzo(a)pyrene	15.433	252	494515	58.493	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	357209	38.043	ng	98
92) Benzo(g,h,i)perylene	17.404	276	315816	31.719	ng	98

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

