

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138547.D
 Acq On : 12 Jul 2024 15:33
 Operator : CG\JU
 Sample : P3193-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 16:23:39 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	6.863	152	82481	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	332685	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	183527	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	275420	20.000	ng	0.00
76) Chrysene-d12	14.027	240	149603	20.000	ng	0.00
86) Perylene-d12	15.486	264	160730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	631249	121.209	ng	0.00
7) Phenol-d6	6.510	99	846515	122.186	ng	0.00
23) Nitrobenzene-d5	7.434	82	557243	82.238	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	204022	118.946	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1012959	86.263	ng	0.00
79) Terphenyl-d14	12.968	244	747721	81.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	108951	47.235	ng	98
3) Pyridine	3.463	79	297388	52.282	ng	100
4) n-Nitrosodimethylamine	3.434	42	213330	57.612	ng	97
6) Aniline	6.528	93	361340	55.684	ng	# 85
8) 2-Chlorophenol	6.657	128	338695	61.504	ng	98
9) Benzaldehyde	6.416	77	36992	9.976	ng	97
10) Phenol	6.522	94	433824	58.993	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	328238	59.284	ng	98
12) 1,3-Dichlorobenzene	6.810	146	350354	56.600	ng	97
13) 1,4-Dichlorobenzene	6.886	146	354714	56.431	ng	99
14) 1,2-Dichlorobenzene	7.034	146	336286	57.442	ng	97
15) Benzyl Alcohol	7.010	79	320862	61.712	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	612428	56.248	ng	97
17) 2-Methylphenol	7.128	107	270752	59.991	ng	96
18) Hexachloroethane	7.375	117	132187	57.204	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	255567	59.700	ng	92
20) 3+4-Methylphenols	7.281	107	335525	59.037	ng	# 89
22) Acetophenone	7.281	105	430951	53.336	ng	98
24) Nitrobenzene	7.451	77	385864	56.037	ng	98
25) Isophorone	7.692	82	705887	60.662	ng	98
26) 2-Nitrophenol	7.769	139	185217	62.758	ng	96
27) 2,4-Dimethylphenol	7.804	122	239218	65.949	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	416815	59.936	ng	98
29) 2,4-Dichlorophenol	8.010	162	286042	60.726	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	309597	56.421	ng	97
31) Naphthalene	8.175	128	977383	56.489	ng	100
32) Benzoic acid	7.939	122	171857	49.675	ng	92
33) 4-Chloroaniline	8.216	127	235019	38.713	ng	100
34) Hexachlorobutadiene	8.281	225	187343	55.443	ng	99
35) Caprolactam	8.604	113	84357m	55.499	ng	
36) 4-Chloro-3-methylphenol	8.710	107	315899	59.904	ng	97
37) 2-Methylnaphthalene	8.863	142	643976	57.836	ng	100
38) 1-Methylnaphthalene	8.963	142	597840	55.016	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	283079	55.343	ng	99
41) Hexachlorocyclopentadiene	9.010	237	252967	152.368	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	198047	60.699	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	210465	58.647	ng	99
46) 1,1'-Biphenyl	9.328	154	764120	54.939	ng	100
47) 2-Chloronaphthalene	9.351	162	613446	58.383	ng	99
48) 2-Nitroaniline	9.451	65	214300	58.856	ng	99
49) Acenaphthylene	9.769	152	930504	62.375	ng	99
50) Dimethylphthalate	9.627	163	748266	63.053	ng	99
51) 2,6-Dinitrotoluene	9.692	165	160512	58.744	ng	90
52) Acenaphthene	9.939	154	572515	57.735	ng	99
53) 3-Nitroaniline	9.863	138	116980	41.771	ng	97
54) 2,4-Dinitrophenol	9.969	184	145129	97.860	ng	94
55) Dibenzofuran	10.110	168	838018	58.264	ng	99
56) 4-Nitrophenol	10.033	139	201503	97.515	ng	95
57) 2,4-Dinitrotoluene	10.098	165	203599	57.590	ng	92
58) Fluorene	10.451	166	646821	56.835	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.227	232	168432	59.471	ng	99
60) Diethylphthalate	10.327	149	707523	61.844	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	333649	58.384	ng	99
62) 4-Nitroaniline	10.474	138	141950	50.582	ng	99
63) Azobenzene	10.604	77	723744	58.841	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	107189	67.402	ng	90
66) n-Nitrosodiphenylamine	10.563	169	564103	68.361	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	191418	67.620	ng	97
68) Hexachlorobenzene	10.998	284	198307	63.059	ng	96
69) Atrazine	11.092	200	172516	63.058	ng	99
70) Pentachlorophenol	11.192	266	197068	105.901	ng	96
71) Phenanthrene	11.416	178	843812	60.643	ng	99
72) Anthracene	11.469	178	857796	62.104	ng	99
73) Carbazole	11.621	167	659697	53.147	ng	99
74) Di-n-butylphthalate	11.945	149	963408	67.334	ng	100
75) Fluoranthene	12.598	202	703057	49.517	ng	98
77) Benzidine	12.721	184	292112	77.392	ng	100
78) Pyrene	12.827	202	693920	45.693	ng	100
80) Butylbenzylphthalate	13.445	149	300718	65.825	ng	96
81) Benzo(a)anthracene	14.015	228	611896	60.956	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	174856	67.600	ng	# 97
83) Chrysene	14.051	228	585389	61.644	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	431134	88.486	ng	100
85) Di-n-octyl phthalate	14.610	149	778951	101.201	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	436044	40.388	ng	100
88) Benzo(b)fluoranthene	15.062	252	574846	63.506	ng	99
89) Benzo(k)fluoranthene	15.092	252	583778	66.127	ng	99
90) Benzo(a)pyrene	15.427	252	512478	64.449	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	365519	41.388	ng	98
92) Benzo(g,h,i)perylene	17.403	276	316980	33.848	ng	98

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

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