

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138739.D
 Acq On : 02 Aug 2024 10:55
 Operator : RC/JU
 Sample : P3396-17MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-01MS

Quant Time: Aug 02 11:22:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	61815	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	249938	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	129605	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	206224	20.000	ng	0.00
76) Chrysene-d12	14.010	240	111808	20.000	ng	0.00
86) Perylene-d12	15.474	264	129828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	234125	58.466	ng	0.00
7) Phenol-d6	6.481	99	191701	35.656	ng	0.00
23) Nitrobenzene-d5	7.410	82	475756	93.064	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	158072	148.894	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	838681	97.227	ng	0.00
79) Terphenyl-d14	12.951	244	747465	111.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	31626	18.039	ng	99
3) Pyridine	3.387	79	74118	17.452	ng	96
4) n-Nitrosodimethylamine	3.322	42	51982	20.551	ng	# 97
6) Aniline	6.510	93	171724	35.815	ng	# 83
8) 2-Chlorophenol	6.634	128	178952	42.475	ng	97
9) Benzaldehyde	6.398	77	12886	3.998	ng	97
10) Phenol	6.498	94	90465	15.981	ng	# 60
11) bis(2-Chloroethyl)ether	6.581	93	222239	51.018	ng	100
12) 1,3-Dichlorobenzene	6.787	146	190700	40.436	ng	99
13) 1,4-Dichlorobenzene	6.863	146	194355	40.836	ng	98
14) 1,2-Dichlorobenzene	7.016	146	186854	42.009	ng	98
15) Benzyl Alcohol	6.987	79	135560	34.983	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	379699	50.649	ng	91
17) 2-Methylphenol	7.104	107	119701	34.407	ng	# 92
18) Hexachloroethane	7.351	117	70585	39.399	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	179102	55.155	ng	98
20) 3+4-Methylphenols	7.257	107	134168	30.058	ng	# 76
22) Acetophenone	7.257	105	303298	49.561	ng	95
24) Nitrobenzene	7.434	77	255187	49.056	ng	97
25) Isophorone	7.669	82	484037	55.451	ng	99
26) 2-Nitrophenol	7.745	139	118260	52.841	ng	98
27) 2,4-Dimethylphenol	7.781	122	138204	51.612	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	287446	54.074	ng	99
29) 2,4-Dichlorophenol	7.992	162	172015	49.992	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	177024	44.581	ng	99
31) Naphthalene	8.151	128	625072	47.512	ng	99
32) Benzoic acid	7.886	122	21126	10.037	ng	96
33) 4-Chloroaniline	8.198	127	184865	41.861	ng	99
34) Hexachlorobutadiene	8.263	225	99170	41.233	ng	99
35) Caprolactam	8.575	113	8482	8.261	ng	96
36) 4-Chloro-3-methylphenol	8.681	107	189530	48.197	ng	99
37) 2-Methylnaphthalene	8.839	142	425674	51.232	ng	100
38) 1-Methylnaphthalene	8.939	142	395647	48.595	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	180380	50.102	ng	99
41) Hexachlorocyclopentadiene	8.986	237	131429	132.877	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	122169	55.655	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	127498	53.130	ng	100
46) 1,1'-Biphenyl	9.304	154	519627	51.192	ng	99
47) 2-Chloronaphthalene	9.328	162	400111	53.000	ng	99
48) 2-Nitroaniline	9.428	65	148554	58.045	ng	97
49) Acenaphthylene	9.745	152	641082	59.875	ng	99
50) Dimethylphthalate	9.610	163	542625	65.478	ng	100
51) 2,6-Dinitrotoluene	9.669	165	107579	57.521	ng	95
52) Acenaphthene	9.916	154	389078	54.058	ng	99
53) 3-Nitroaniline	9.839	138	84626	43.770	ng	97
54) 2,4-Dinitrophenol	9.957	184	94923	110.256	ng	97
55) Dibenzofuran	10.086	168	576704	56.762	ng	100
56) 4-Nitrophenol	10.016	139	35071	30.164	ng	99
57) 2,4-Dinitrotoluene	10.075	165	140329	58.810	ng	98
58) Fluorene	10.433	166	456134	56.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	105947	57.748	ng	97
60) Diethylphthalate	10.304	149	480069	61.096	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	225557	56.684	ng	97
62) 4-Nitroaniline	10.457	138	99977	54.414	ng	98
63) Azobenzene	10.580	77	514613	59.050	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	74315	59.067	ng	99
66) n-Nitrosodiphenylamine	10.545	169	392958	60.960	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	130192	58.310	ng	98
68) Hexachlorobenzene	10.975	284	134251	58.235	ng	99
69) Atrazine	11.069	200	118492	71.247	ng	99
70) Pentachlorophenol	11.174	266	104267	100.342	ng	97
71) Phenanthrene	11.392	178	626801	59.027	ng	99
72) Anthracene	11.445	178	652068	62.333	ng	100
73) Carbazole	11.604	167	526038	58.285	ng	100
74) Di-n-butylphthalate	11.927	149	703592	69.348	ng	100
75) Fluoranthene	12.580	202	574970	57.999	ng	100
77) Benzidine	12.704	184	154197	57.660	ng	99
78) Pyrene	12.810	202	565840	53.751	ng	99
80) Butylbenzylphthalate	13.421	149	236832	70.254	ng	100
81) Benzo(a)anthracene	13.998	228	457879	59.470	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	123506	62.684	ng	98
83) Chrysene	14.033	228	423902	61.026	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	341402	69.161	ng	100
85) Di-n-octyl phthalate	14.592	149	566978	62.080	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	535793	57.588	ng	99
88) Benzo(b)fluoranthene	15.045	252	475665	59.103	ng	99
89) Benzo(k)fluoranthene	15.074	252	407990	58.551	ng	100
90) Benzo(a)pyrene	15.415	252	418269	61.787	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	433893	56.812	ng	99
92) Benzo(g,h,i)perylene	17.392	276	411056	51.866	ng	99

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

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