

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139009.D
 Acq On : 14 Aug 2024 22:47
 Operator : RC/JU
 Sample : P3475-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-1.0-1.5-080524MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 01:15:10 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	6.834	152	29660	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	99216	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	44771	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	83010	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	51880	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	42398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	266943	138.930	ng	0.00
7) Phenol-d6	6.487	99	334533	129.679	ng	0.00
23) Nitrobenzene-d5	7.404	82	205200	101.118	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	57063	155.598	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	258814	86.857	ng	-0.02
79) Terphenyl-d14	12.933	244	305957	98.738	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	42484	50.504	ng	97
3) Pyridine	3.399	79	106044	52.039	ng	94
4) n-Nitrosodimethylamine	3.363	42	91532	75.418	ng	# 79
6) Aniline	6.504	93	74804	32.515	ng	# 1
8) 2-Chlorophenol	6.634	128	111154	54.985	ng	97
9) Benzaldehyde	6.398	77	5211	3.370	ng	93
10) Phenol	6.504	94	143465	52.820	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	114170	54.623	ng	98
12) 1,3-Dichlorobenzene	6.775	146	124782	55.143	ng	96
13) 1,4-Dichlorobenzene	6.857	146	127598	55.874	ng	100
14) 1,2-Dichlorobenzene	7.004	146	119158	55.832	ng	98
15) Benzyl Alcohol	6.987	79	106601	57.334	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	197300	54.850	ng	57
17) 2-Methylphenol	7.104	107	85413	51.167	ng	# 83
18) Hexachloroethane	7.345	117	45164	52.540	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	86444	55.481	ng	95
20) 3+4-Methylphenols	7.263	107	110452	51.571	ng	# 62
22) Acetophenone	7.251	105	149735	61.637	ng	99
24) Nitrobenzene	7.422	77	126414	61.218	ng	98
25) Isophorone	7.663	82	209305	60.403	ng	98
26) 2-Nitrophenol	7.739	139	53275	59.966	ng	92
27) 2,4-Dimethylphenol	7.781	122	64767	60.931	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	121989	57.810	ng	98
29) 2,4-Dichlorophenol	7.992	162	74668	54.666	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	90476	57.399	ng	97
31) Naphthalene	8.139	128	289742	55.480	ng	99
32) Benzoic acid	7.916	122	28816	34.487	ng	93
33) 4-Chloroaniline	8.198	127	38488	21.955	ng	95
34) Hexachlorobutadiene	8.251	225	57234	59.947	ng	97
35) Caprolactam	8.557	113	20811m	51.062	ng	
36) 4-Chloro-3-methylphenol	8.686	107	78375	50.208	ng	99
37) 2-Methylnaphthalene	8.828	142	168514	51.092	ng	100
38) 1-Methylnaphthalene	8.928	142	157426	48.709	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	70238	56.476	ng	98
41) Hexachlorocyclopentadiene	8.975	237	6127	23.958	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	43912	57.909	ng	100

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44) 2,4,5-Trichlorophenol	9.163	196	44928	54.197	ng	96
46) 1,1'-Biphenyl	9.292	154	191371	54.578	ng	98
47) 2-Chloronaphthalene	9.316	162	151132	57.953	ng	100
48) 2-Nitroaniline	9.422	65	57040	64.519	ng	91
49) Acenaphthylene	9.733	152	225114	60.864	ng	99
50) Dimethylphthalate	9.586	163	178154	62.232	ng	100
51) 2,6-Dinitrotoluene	9.663	165	36738	56.865	ng	89
52) Acenaphthene	9.904	154	136276	54.811	ng	99
53) 3-Nitroaniline	9.833	138	31396	47.008	ng	99
54) 2,4-Dinitrophenol	9.957	184	14643	49.236	ng	# 84
55) Dibenzofuran	10.075	168	205201	58.467	ng	95
56) 4-Nitrophenol	10.016	139	42108	104.842	ng	85
57) 2,4-Dinitrotoluene	10.069	165	50044	60.713	ng	# 75
58) Fluorene	10.416	166	166533	59.585	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	36828	58.110	ng	98
60) Diethylphthalate	10.286	149	165485	60.967	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	78232	56.913	ng	94
62) 4-Nitroaniline	10.451	138	37390	58.910	ng	88
63) Azobenzene	10.569	77	178376	59.252	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	15800	31.199	ng	89
66) n-Nitrosodiphenylamine	10.527	169	138530	53.389	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	46504	51.744	ng	99
68) Hexachlorobenzene	10.963	284	49759	53.622	ng	98
69) Atrazine	11.057	200	44657	66.708	ng	99
70) Pentachlorophenol	11.169	266	42099	100.651	ng	100
71) Phenanthrene	11.380	178	268325	62.776	ng	100
72) Anthracene	11.433	178	263223	62.511	ng	99
73) Carbazole	11.592	167	242657	66.795	ng	98
74) Di-n-butylphthalate	11.910	149	277345	67.911	ng	100
75) Fluoranthene	12.569	202	309421	77.542	ng	99
77) Benzidine	12.698	184	57349	46.216	ng	98
78) Pyrene	12.798	202	310736	63.615	ng	99
80) Butylbenzylphthalate	13.410	149	120819	77.240	ng	98
81) Benzo(a)anthracene	13.986	228	229398	64.211	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	54062	59.134	ng	99
83) Chrysene	14.027	228	193784	60.123	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	154776	67.573	ng	100
85) Di-n-octyl phthalate	14.574	149	218765	51.622	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	148566	48.896	ng	95
88) Benzo(b)fluoranthene	15.039	252	167215	63.622	ng	98
89) Benzo(k)fluoranthene	15.062	252	141163	62.034	ng	99
90) Benzo(a)pyrene	15.404	252	136848	61.901	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	116466	46.696	ng	97
92) Benzo(g,h,i)perylene	17.380	276	110725	42.781	ng	95

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

