

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139095.D
 Acq On : 21 Aug 2024 11:52
 Operator : RC/JU
 Sample : P3663-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 12:24:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	90429	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	341193	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	195409	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	318526	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148531	20.000	ng	0.00
86) Perylene-d12	15.533	264	196106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	491980	83.703	ng	0.00
7) Phenol-d6	6.522	99	651630	85.801	ng	0.00
23) Nitrobenzene-d5	7.457	82	404720	69.119	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	146281	82.691	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	583294	47.360	ng	0.00
79) Terphenyl-d14	13.004	244	398974	44.571	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	103301	40.976	ng	99
3) Pyridine	3.504	79	282319	44.069	ng	99
4) n-Nitrosodimethylamine	3.457	42	174240	45.024	ng	98
6) Aniline	6.557	93	376854	54.966	ng	100
8) 2-Chlorophenol	6.681	128	278877	49.329	ng	97
9) Benzaldehyde	6.445	77	158155	35.507	ng	99
10) Phenol	6.534	94	391840	49.586	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	281685	44.325	ng	98
12) 1,3-Dichlorobenzene	6.839	146	302476	44.501	ng	100
13) 1,4-Dichlorobenzene	6.916	146	312331	45.958	ng	99
14) 1,2-Dichlorobenzene	7.069	146	297688	47.928	ng	99
15) Benzyl Alcohol	7.034	79	302690	50.427	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	437138	48.832	ng	100
17) 2-Methylphenol	7.145	107	236960	48.994	ng	99
18) Hexachloroethane	7.410	117	112652	47.271	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	237922	47.704	ng	99
20) 3+4-Methylphenols	7.298	107	303831	48.486	ng	93
22) Acetophenone	7.304	105	412231	47.319	ng	94
24) Nitrobenzene	7.475	77	341503	52.471	ng	99
25) Isophorone	7.716	82	619323	49.763	ng	99
26) 2-Nitrophenol	7.792	139	128487	55.609	ng	99
27) 2,4-Dimethylphenol	7.828	122	229847	58.240	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	343905	47.292	ng	99
29) 2,4-Dichlorophenol	8.034	162	238410	48.491	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	257678	44.758	ng	100
31) Naphthalene	8.204	128	811927	46.960	ng	100
32) Benzoic acid	7.939	122	157588	47.959	ng	94
33) 4-Chloroaniline	8.245	127	223580	37.758	ng	99
34) Hexachlorobutadiene	8.316	225	173785	46.210	ng	100
35) Caprolactam	8.616	113	74387m	47.721	ng	
36) 4-Chloro-3-methylphenol	8.722	107	265667	48.801	ng	100
37) 2-Methylnaphthalene	8.892	142	531738	47.947	ng	100
38) 1-Methylnaphthalene	8.992	142	489789	45.760	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	265341	50.023	ng	98
41) Hexachlorocyclopentadiene	9.045	237	350175	170.308	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	186432	51.640	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	177630	47.934	ng	99
46) 1,1'-Biphenyl	9.357	154	657409	49.112	ng	100
47) 2-Chloronaphthalene	9.380	162	509909	46.882	ng	100
48) 2-Nitroaniline	9.475	65	170267	53.840	ng	99
49) Acenaphthylene	9.798	152	804536	51.637	ng	100
50) Dimethylphthalate	9.657	163	612090	50.738	ng	100
51) 2,6-Dinitrotoluene	9.716	165	126070	51.714	ng	98
52) Acenaphthene	9.969	154	553469	53.777	ng	99
53) 3-Nitroaniline	9.886	138	98044	40.736	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	112804	95.515	ng	# 69
55) Dibenzofuran	10.139	168	729725	48.814	ng	99
56) 4-Nitrophenol	10.039	139	188641	103.449	ng	100
57) 2,4-Dinitrotoluene	10.122	165	162899	53.040	ng	96
58) Fluorene	10.480	166	566865	47.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	151469	50.907	ng	98
60) Diethylphthalate	10.357	149	595390	49.810	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	279784	46.891	ng	99
62) 4-Nitroaniline	10.498	138	117190	47.380	ng	97
63) Azobenzene	10.639	77	651310	49.032	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	73818	59.446	ng	98
66) n-Nitrosodiphenylamine	10.592	169	490014	51.991	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	176275	52.226	ng	99
68) Hexachlorobenzene	11.027	284	179140	49.472	ng	99
69) Atrazine	11.122	200	155154	53.902	ng	99
70) Pentachlorophenol	11.222	266	216122	93.437	ng	98
71) Phenanthrene	11.445	178	778578	48.090	ng	99
72) Anthracene	11.498	178	792302	50.040	ng	100
73) Carbazole	11.645	167	626755	42.391	ng	100
74) Di-n-butylphthalate	11.986	149	779596	45.475	ng	100
75) Fluoranthene	12.627	202	646483	37.412	ng	100
77) Benzidine	12.751	184	324674	105.822	ng	99
78) Pyrene	12.857	202	627661	50.638	ng	100
80) Butylbenzylphthalate	13.480	149	213413	49.767	ng	97
81) Benzo(a)anthracene	14.045	228	478562	49.014	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	144039	52.777	ng	99
83) Chrysene	14.080	228	459510	51.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	267666	47.083	ng	99
85) Di-n-octyl phthalate	14.662	149	488567	61.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	613226	53.430	ng	100
88) Benzo(b)fluoranthene	15.098	252	561665	43.932	ng	99
89) Benzo(k)fluoranthene	15.133	252	490480	46.062	ng	99
90) Benzo(a)pyrene	15.468	252	516790	51.156	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	504288	53.525	ng	99
92) Benzo(g,h,i)perylene	17.468	276	435747	40.920	ng	98

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

