

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138476.D
 Acq On : 05 Jul 2024 19:06
 Operator : CG\JU
 Sample : P3159-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 06 00:38:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66540	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258400	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128312	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	189414	20.000	ng	0.00
76) Chrysene-d12	14.033	240	106279	20.000	ng	0.00
86) Perylene-d12	15.504	264	89170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	539545	134.436	ng	0.00
7) Phenol-d6	6.510	99	703348	130.095	ng	0.00
23) Nitrobenzene-d5	7.440	82	449539	90.374	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132915	126.788	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	747908	92.763	ng	0.00
79) Terphenyl-d14	12.980	244	642117	82.798	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.616	88	77780	41.144	ng	97
3) Pyridine	3.387	79	206273	45.738	ng	94
4) n-Nitrosodimethylamine	3.334	42	151798	53.952	ng	90
6) Aniline	6.534	93	187840	35.603	ng	98
8) 2-Chlorophenol	6.657	128	230259	53.443	ng	97
9) Benzaldehyde	6.422	77	34084	10.214	ng	97
10) Phenol	6.522	94	296096	51.406	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	220790	48.806	ng	98
12) 1,3-Dichlorobenzene	6.816	146	237676	48.171	ng	98
13) 1,4-Dichlorobenzene	6.893	146	242321	48.981	ng	97
14) 1,2-Dichlorobenzene	7.040	146	230320	50.430	ng	99
15) Benzyl Alcohol	7.016	79	211118	54.519	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	442908	48.539	ng	99
17) 2-Methylphenol	7.128	107	181728	50.894	ng	96
18) Hexachloroethane	7.387	117	84955	47.609	ng	# 88
19) n-Nitroso-di-n-propyla...	7.287	70	167248	49.071	ng	94
20) 3+4-Methylphenols	7.281	107	226305	54.546	ng	# 87
22) Acetophenone	7.281	105	283317	48.330	ng	# 97
24) Nitrobenzene	7.457	77	256512	50.701	ng	99
25) Isophorone	7.692	82	446202	48.648	ng	100
26) 2-Nitrophenol	7.769	139	116905	53.571	ng	91
27) 2,4-Dimethylphenol	7.810	122	156606	56.072	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	264970	47.995	ng	99
29) 2,4-Dichlorophenol	8.016	162	180096	50.205	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	197690	47.398	ng	100
31) Naphthalene	8.175	128	645370	49.405	ng	100
32) Benzoic acid	7.916	122	92305	37.169	ng	89
33) 4-Chloroaniline	8.222	127	103615	22.712	ng	98
34) Hexachlorobutadiene	8.292	225	118978	47.512	ng	98
35) Caprolactam	8.586	113	55291	48.811	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	196783	51.501	ng	94
37) 2-Methylnaphthalene	8.869	142	400007	47.380	ng	98
38) 1-Methylnaphthalene	8.969	142	368947	45.061	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	172580	48.626	ng	99
41) Hexachlorocyclopentadiene	9.016	237	50261	48.111	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	119790	53.043	ng	98

07/08/2024
 Supervised By :mohammad
 Ahmed

07/08/2024

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44) 2,4,5-Trichlorophenol	9.192	196	121879	49.623	ng	99	07/08/2024
46) 1,1'-Biphenyl	9.334	154	466424	48.684	ng	98	Supervised By :mohammad
47) 2-Chloronaphthalene	9.357	162	362682	49.650	ng	98	ahmed
48) 2-Nitroaniline	9.451	65	135748	57.611	ng	93	
49) Acenaphthylene	9.775	152	553481	53.876	ng	99	
50) Dimethylphthalate	9.628	163	442399	53.648	ng	100	
51) 2,6-Dinitrotoluene	9.692	165	93755	50.764	ng	96	07/08/2024
52) Acenaphthene	9.945	154	351113m	49.914	ng		
53) 3-Nitroaniline	9.863	138	72938	39.986	ng	98	
54) 2,4-Dinitrophenol	9.969	184	37715	51.821	ng	97	
55) Dibenzofuran	10.116	168	477567	49.274	ng	97	
56) 4-Nitrophenol	10.033	139	125016	105.705	ng	89	
57) 2,4-Dinitrotoluene	10.098	165	115629	50.848	ng	92	
58) Fluorene	10.457	166	362191	47.030	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88743	48.646	ng	# 97	
60) Diethylphthalate	10.328	149	397781	51.593	ng	99	
61) 4-Chlorophenyl-phenyle...	10.451	204	183322	46.916	ng	98	
62) 4-Nitroaniline	10.475	138	83472	49.856	ng	95	
63) Azobenzene	10.610	77	396609	48.709	ng	99	
65) 4,6-Dinitro-2-methylph...	10.504	198	33414	34.765	ng	83	
66) n-Nitrosodiphenylamine	10.569	169	314335	53.455	ng	99	
67) 4-Bromophenyl-phenylether	10.939	248	101135	49.674	ng	97	
68) Hexachlorobenzene	11.004	284	104214	46.440	ng	100	
69) Atrazine	11.092	200	96255	58.381	ng	98	
70) Pentachlorophenol	11.204	266	112977	99.194	ng	97	
71) Phenanthrene	11.422	178	490071	52.992	ng	99	
72) Anthracene	11.475	178	502066	54.438	ng	99	
73) Carbazole	11.627	167	436795	57.047	ng	100	
74) Di-n-butylphthalate	11.957	149	528759	54.491	ng	99	
75) Fluoranthene	12.610	202	528351	63.726	ng	99	
77) Benzidine	12.733	184	181590	213.673	ng	97	
78) Pyrene	12.839	202	536838	47.261	ng	100	
80) Butylbenzylphthalate	13.451	149	205071	59.329	ng	95	
81) Benzo(a)anthracene	14.021	228	369470	54.011	ng	99	
82) 3,3'-Dichlorobenzidine	13.986	252	100471	49.747	ng	99	
83) Chrysene	14.063	228	351598	52.821	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.010	149	268105	61.851	ng	99	
85) Di-n-octyl phthalate	14.621	149	389588	51.348	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.980	276	274665	61.304	ng	96	
88) Benzo(b)fluoranthene	15.074	252	257855	52.705	ng	98	
89) Benzo(k)fluoranthene	15.104	252	256162	56.845	ng	100	
90) Benzo(a)pyrene	15.445	252	234050	54.579	ng	98	
91) Dibenzo(a,h)anthracene	16.998	278	220987	61.104	ng	97	
92) Benzo(g,h,i)perylene	17.427	276	210207	59.415	ng	97	

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

