

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126344.D
 Acq On : 23 Dec 2021 15:06
 Operator : JU/CG
 Sample : M5187-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-10-40MSD

Quant Time: Dec 27 06:49:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	140681	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	510863	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	223820	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	331834	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	185490	20.000	ng	0.00
86) Perylene-d12	15.427	264	223829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	806696	84.445	ng	0.00
7) Phenol-d6	6.445	99	1158295	95.492	ng	0.00
23) Nitrobenzene-d5	7.375	82	738475	78.289	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	181556	100.936	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	881555	69.080	ng	0.00
79) Terphenyl-d14	12.921	244	634594	59.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	183698	39.394	ng	# 100
3) Pyridine	3.340	79	376887	30.434	ng	# 79
4) n-Nitrosodimethylamine	3.293	42	185865	39.052	ng	# 4
6) Aniline	6.475	93	440537	28.592	ng	96
8) 2-Chlorophenol	6.598	128	455477	47.017	ng	90
9) Benzaldehyde	6.363	77	328485	44.878	ng	94
10) Phenol	6.457	94	608020	44.656	ng	93
11) bis(2-Chloroethyl)ether	6.551	93	475561	44.997	ng	97
12) 1,3-Dichlorobenzene	6.757	146	440352	45.062	ng	99
13) 1,4-Dichlorobenzene	6.834	146	448158	45.414	ng	97
14) 1,2-Dichlorobenzene	6.987	146	426036	46.693	ng	97
15) Benzyl Alcohol	6.957	79	376867	42.560	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.092	45	777502	44.954	ng	93
17) 2-Methylphenol	7.069	107	367595	43.315	ng	96
18) Hexachloroethane	7.328	117	178757	46.052	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	308515	41.431	ng	# 72
20) 3+4-Methylphenols	7.222	107	418975	41.761	ng	# 76
22) Acetophenone	7.222	105	590762	50.247	ng	# 92
24) Nitrobenzene	7.398	77	494794	52.546	ng	# 94
25) Isophorone	7.639	82	781772	43.889	ng	# 89
26) 2-Nitrophenol	7.716	139	224435	52.872	ng	# 86
27) 2,4-Dimethylphenol	7.751	122	358343	49.709	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	543325	46.394	ng	# 98
29) 2,4-Dichlorophenol	7.957	162	287251	44.828	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	297542	44.891	ng	99
31) Naphthalene	8.122	128	1099252	46.012	ng	98
32) Benzoic acid	7.875	122	208038	33.498	ng	92
33) 4-Chloroaniline	8.163	127	100087	10.033	ng	98
34) Hexachlorobutadiene	8.239	225	150092	46.107	ng	99
35) Caprolactam	8.539	113	100565m	63.149	ng	
36) 4-Chloro-3-methylphenol	8.651	107	323914	42.853	ng	89
37) 2-Methylnaphthalene	8.810	142	686311	46.647	ng	98
38) 1-Methylnaphthalene	8.910	142	632594	44.305	ng	95
40) 1,2,4,5-Tetrachloroben...	8.980	216	234073	48.456	ng	# 95
41) Hexachlorocyclopentadiene	8.969	237	276648	100.008	ng	95
43) 2,4,6-Trichlorophenol	9.086	196	163822	43.111	ng	95

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44) 2,4,5-Trichlorophenol	9.128	196	178662	45.401	ng	96
46) 1,1'-Biphenyl	9.275	154	794224	47.991	ng	96
47) 2-Chloronaphthalene	9.298	162	582827	46.808	ng	97
48) 2-Nitroaniline	9.392	65	191739	42.189	ng	91
49) Acenaphthylene	9.716	152	894842	47.032	ng	98
50) Dimethylphthalate	9.580	163	621050	43.804	ng	98
51) 2,6-Dinitrotoluene	9.639	165	142101	46.306	ng	97
52) Acenaphthene	9.886	154	609402m	49.390	ng	
53) 3-Nitroaniline	9.804	138	73333	18.801	ng	87
54) 2,4-Dinitrophenol	9.910	184	113847	90.101	ng	# 85
55) Dibenzofuran	10.057	168	756741	45.047	ng	99
56) 4-Nitrophenol	9.969	139	228845	81.225	ng	# 84
57) 2,4-Dinitrotoluene	10.039	165	180888	46.209	ng	# 94
58) Fluorene	10.404	166	534823	43.976	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	126835	43.470	ng	# 98
60) Diethylphthalate	10.280	149	595547	41.799	ng	97
61) 4-Chlorophenyl-phenyle...	10.392	204	236039	43.106	ng	97
62) 4-Nitroaniline	10.416	138	141773	43.330	ng	# 73
63) Azobenzene	10.557	77	707186	40.978	ng	85
65) 4,6-Dinitro-2-methylph...	10.445	198	79718	43.994	ng	93
66) n-Nitrosodiphenylamine	10.516	169	490777	46.084	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	145427	46.696	ng	94
68) Hexachlorobenzene	10.951	284	172395	48.131	ng	# 86
69) Atrazine	11.039	200	142198	72.861	ng	98
70) Pentachlorophenol	11.145	266	162325	81.689	ng	91
71) Phenanthrene	11.363	178	784990	45.833	ng	97
72) Anthracene	11.416	178	815887	47.461	ng	99
73) Carbazole	11.569	167	700474	43.268	ng	98
74) Di-n-butylphthalate	11.904	149	891357	43.432	ng	100
75) Fluoranthene	12.551	202	699867	45.355	ng	95
77) Benzidine	12.668	184	353854	121.003	ng	97
78) Pyrene	12.780	202	703816	41.300	ng	96
80) Butylbenzylphthalate	13.404	149	319769	39.875	ng	91
81) Benzo(a)anthracene	13.968	228	471698	42.931	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	70867	14.118	ng	# 98
83) Chrysene	14.004	228	517980	45.374	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	390316	43.556	ng	99
85) Di-n-octyl phthalate	14.580	149	763995	47.825	ng	97
87) Indeno(1,2,3-cd)pyrene	16.868	276	726159	48.639	ng	95
88) Benzo(b)fluoranthene	15.009	252	603174	44.849	ng	98
89) Benzo(k)fluoranthene	15.039	252	575474	44.730	ng	# 97
90) Benzo(a)pyrene	15.368	252	603128	53.958	ng	# 97
91) Dibenzo(a,h)anthracene	16.886	278	607766	50.078	ng	97
92) Benzo(g,h,i)perylene	17.303	276	632237	50.350	ng	95

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

