

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136576.D
 Acq On : 14 Dec 2023 19:19
 Operator : CG\JU
 Sample : 05612-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06IMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:36:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	102213	20.000	ng	0.01
21) Naphthalene-d8	8.098	136	160711	20.000	ng	# 0.03
39) Acenaphthene-d10	9.827	164	175995	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	300375	20.000	ng	0.00
76) Chrysene-d12	13.968	240	224631	20.000	ng	0.00
86) Perylene-d12	15.445	264	268727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	386819	55.890	ng	0.02
7) Phenol-d6	6.445	99	303576	35.156	ng	0.01
23) Nitrobenzene-d5	7.363	82	578695	194.663	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	244409	112.629	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1128805	87.517	ng	0.00
79) Terphenyl-d14	12.910	244	1137712	66.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	50824	18.566	ng	98
3) Pyridine	3.346	79	109263	16.481	ng	94
4) n-Nitrosodimethylamine	3.287	42	56891	19.752	ng	98
6) Aniline	6.463	93	183696	21.050	ng	# 76
8) 2-Chlorophenol	6.586	128	266411	35.259	ng	99
9) Benzaldehyde	6.351	77	240410	62.861	ng	# 1
10) Phenol	6.457	94	129476	14.091	ng	# 66
11) bis(2-Chloroethyl)ether	6.539	93	292249	42.670	ng	98
12) 1,3-Dichlorobenzene	6.734	146	287361	33.818	ng	98
13) 1,4-Dichlorobenzene	6.816	146	293522	34.052	ng	99
14) 1,2-Dichlorobenzene	6.998	146	158356m	19.537	ng	
15) Benzyl Alcohol	6.963	79	165896	28.690	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	7.075	45	312905	35.522	ng	97
17) 2-Methylphenol	7.057	107	156828	25.691	ng	94
18) Hexachloroethane	7.298	117	117987	39.206	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	207788m	41.714	ng	
20) 3+4-Methylphenols	7.216	107	195804	25.842	ng	93
22) Acetophenone	7.204	105	491000	123.722	ng	# 95
24) Nitrobenzene	7.375	77	327410	109.481	ng	98
25) Isophorone	7.604	82	69562	13.024	ng	97
26) 2-Nitrophenol	7.722	139	167704	114.067	ng	96
27) 2,4-Dimethylphenol	7.781	122	200741	110.731	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	35949	10.954	ng	94
29) 2,4-Dichlorophenol	7.939	162	16005	6.689	ng	91
30) 1,2,4-Trichlorobenzene	8.022	180	60980	21.855	ng	99
31) Naphthalene	8.204	128	37135612	4190.166	ng	# 92
32) Benzoic acid	7.869	122	38254	21.271	ng	# 1
33) 4-Chloroaniline	8.210	127	6372485	2016.876	ng	# 53
34) Hexachlorobutadiene	8.233	225	140505	84.968	ng	98
35) Caprolactam	8.528	113	14246	19.333	ng	# 76
36) 4-Chloro-3-methylphenol	8.645	107	207861	81.812	ng	96
37) 2-Methylnaphthalene	8.816	142	6150478	1090.843	ng	97
38) 1-Methylnaphthalene	8.916	142	4433787	801.376	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	264719	48.346	ng	99
41) Hexachlorocyclopentadiene	8.939	237	181210	89.331	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	157871	44.281	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	160754	40.399	ng	# 91
46) 1,1'-Biphenyl	9.257	154	1384371	92.443	ng	99
47) 2-Chloronaphthalene	9.275	162	512954	44.009	ng	97
48) 2-Nitroaniline	9.375	65	135925	43.481	ng	98
49) Acenaphthylene	9.692	152	867900	52.271	ng	97
50) Dimethylphthalate	9.557	163	597111	46.083	ng	98
51) 2,6-Dinitrotoluene	9.622	165	124190	42.603	ng	97
52) Acenaphthene	9.874	154	2048468	192.528	ng	98
53) 3-Nitroaniline	9.792	138	87970	29.552	ng	95
54) 2,4-Dinitrophenol	9.892	184	75957	51.537	ng	# 77
55) Dibenzofuran	10.033	168	767321	49.366	ng	98
56) 4-Nitrophenol	9.963	139	64302	28.815	ng	94
57) 2,4-Dinitrotoluene	10.022	165	167796	43.513	ng	98
58) Fluorene	10.380	166	994703	79.721	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131890	41.379	ng	# 99
60) Diethylphthalate	10.251	149	541491	42.499	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	256717	42.205	ng	98
62) 4-Nitroaniline	10.398	138	121410	41.076	ng	96
63) Azobenzene	10.527	77	469657	40.497	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	62770	33.743	ng	97
66) n-Nitrosodiphenylamine	10.492	169	466373	48.387	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	160411	45.932	ng	98
68) Hexachlorobenzene	10.921	284	181873	45.059	ng	97
69) Atrazine	11.027	200	153303	55.727	ng	99
70) Pentachlorophenol	11.127	266	190768	83.742	ng	99
71) Phenanthrene	11.345	178	1475368	89.362	ng	100
72) Anthracene	11.392	178	910916	54.778	ng	98
73) Carbazole	11.557	167	1001235	68.028	ng	99
74) Di-n-butylphthalate	11.886	149	829397	45.968	ng	99
75) Fluoranthene	12.533	202	844424	48.806	ng	97
77) Benzidine	12.657	184	139645	31.646	ng	98
78) Pyrene	12.763	202	885231	40.239	ng	98
80) Butylbenzylphthalate	13.392	149	329833	42.117	ng	100
81) Benzo(a)anthracene	13.957	228	723849	46.261	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	213529	48.672	ng	100
83) Chrysene	13.998	228	688951	44.753	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	441934	46.032	ng	99
85) Di-n-octyl phthalate	14.568	149	787140	55.507	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	756044	40.497	ng	99
88) Benzo(b)fluoranthene	15.015	252	765709	41.675	ng	100
89) Benzo(k)fluoranthene	15.045	252	684314	39.520	ng	99
90) Benzo(a)pyrene	15.386	252	663335	43.716	ng	97
91) Dibenzo(a,h)anthracene	16.968	278	631532	41.292	ng	99
92) Benzo(g,h,i)perylene	17.409	276	576350	36.714	ng	99

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

