

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136163.D
 Acq On : 06 Nov 2023 19:29
 Operator : CG\JU
 Sample : 05257-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Quant Time: Nov 06 23:31:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 11/08/2023

Supervised By :mohammad
 ahmed
 11/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	84667	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	331240	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	166345	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	270586	20.000	ng	0.00
76) Chrysene-d12	14.009	240	171083	20.000	ng	0.00
86) Perylene-d12	15.498	264	163710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	646016	119.900	ng	0.01
7) Phenol-d6	6.463	99	794287	118.319	ng	0.00
23) Nitrobenzene-d5	7.386	82	496314	90.324	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	225168	126.817	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	942959	90.365	ng	0.00
79) Terphenyl-d14	12.951	244	829177	75.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	93427	39.821	ng	95
3) Pyridine	3.410	79	231170	36.098	ng	96
4) n-Nitrosodimethylamine	3.381	42	133658	49.919	ng	87
6) Aniline	6.486	93	284175	32.696	ng	99
8) 2-Chlorophenol	6.604	128	297626	51.668	ng	99
9) Benzaldehyde	6.369	77	60669	16.207	ng	97
10) Phenol	6.475	94	347216m	50.007	ng	
11) bis(2-Chloroethyl)ether	6.563	93	261829	48.168	ng	99
12) 1,3-Dichlorobenzene	6.763	146	309055	51.549	ng	96
13) 1,4-Dichlorobenzene	6.839	146	314092	52.276	ng	97
14) 1,2-Dichlorobenzene	6.992	146	295624	52.620	ng	97
15) Benzyl Alcohol	6.969	79	253448	53.246	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	349086	46.657	ng	98
17) 2-Methylphenol	7.075	107	226680	46.387	ng	94
18) Hexachloroethane	7.333	117	112225	53.142	ng	91
19) n-Nitroso-di-n-propyla...	7.239	70	192459	50.176	ng	96
20) 3+4-Methylphenols	7.233	107	282481	47.405	ng	92
22) Acetophenone	7.233	105	395495	53.845	ng	# 89
24) Nitrobenzene	7.404	77	295166	53.105	ng	94
25) Isophorone	7.645	82	533408	51.420	ng	99
26) 2-Nitrophenol	7.722	139	151493	59.740	ng	98
27) 2,4-Dimethylphenol	7.757	122	220824	46.082	ng	94
28) bis(2-Chloroethoxy)met...	7.857	93	316437	49.786	ng	98
29) 2,4-Dichlorophenol	7.963	162	242840	53.755	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	266269	54.031	ng	100
31) Naphthalene	8.128	128	829216	51.913	ng	99
32) Benzoic acid	7.886	122	187786m	48.820	ng	
33) 4-Chloroaniline	8.169	127	82587	11.806	ng	97
34) Hexachlorobutadiene	8.239	225	158662	56.140	ng	98
35) Caprolactam	8.557	113	79036m	53.806	ng	
36) 4-Chloro-3-methylphenol	8.657	107	261185	55.071	ng	97
37) 2-Methylnaphthalene	8.816	142	523137	48.845	ng	99
38) 1-Methylnaphthalene	8.916	142	512441	51.414	ng	98
40) 1,2,4,5-Tetrachloroben...	8.980	216	260765	54.967	ng	99
41) Hexachlorocyclopentadiene	8.969	237	199732	78.806	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	172249	55.687	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	179316	50.045	ng	98
46) 1,1'-Biphenyl	9.286	154	683507	53.901	ng	98
47) 2-Chloronaphthalene	9.310	162	511533	54.720	ng	99
48) 2-Nitroaniline	9.404	65	151764	54.856	ng	98
49) Acenaphthylene	9.722	152	815374	55.911	ng	100
50) Dimethylphthalate	9.592	163	601010	54.775	ng	100
51) 2,6-Dinitrotoluene	9.651	165	132953	56.654	ng	98
52) Acenaphthene	9.898	154	477235m	51.477	ng	
53) 3-Nitroaniline	9.816	138	86926	31.745	ng	90
54) 2,4-Dinitrophenol	9.922	184	97817	77.216	ng	# 83
55) Dibenzofuran	10.069	168	709096	52.454	ng	94
56) 4-Nitrophenol	9.980	139	207272	101.195	ng	# 75
57) 2,4-Dinitrotoluene	10.057	165	169458	57.072	ng	95
58) Fluorene	10.416	166	538988	53.252	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	148158	52.010	ng	97
60) Diethylphthalate	10.292	149	581721	55.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	267440	52.934	ng	98
62) 4-Nitroaniline	10.433	138	117034	44.386	ng	90
63) Azobenzene	10.569	77	516918	51.198	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	65600	44.590	ng	96
66) n-Nitrosodiphenylamine	10.527	169	482464	59.107	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	163941	57.789	ng	# 92
68) Hexachlorobenzene	10.963	284	180071	59.432	ng	98
69) Atrazine	11.063	200	161517	72.727	ng	98
70) Pentachlorophenol	11.157	266	191247	98.285	ng	99
71) Phenanthrene	11.380	178	764659	56.126	ng	99
72) Anthracene	11.433	178	744240	53.310	ng	99
73) Carbazole	11.586	167	618161	50.955	ng	99
74) Di-n-butylphthalate	11.927	149	797035	57.497	ng	99
75) Fluoranthene	12.574	202	744637	53.203	ng	96
77) Benzidine	12.698	184	290371	87.080	ng	100
78) Pyrene	12.804	202	750244	49.739	ng	99
80) Butylbenzylphthalate	13.433	149	273552	50.665	ng	98
81) Benzo(a)anthracene	13.998	228	634241	55.998	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	181551	50.222	ng	# 97
83) Chrysene	14.039	228	610200	54.705	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	345743	54.964	ng	# 96
85) Di-n-octyl phthalate	14.621	149	614219	65.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	442094	41.319	ng	95
88) Benzo(b)fluoranthene	15.062	252	639012	65.966	ng	99
89) Benzo(k)fluoranthene	15.098	252	511001m	53.314	ng	
90) Benzo(a)pyrene	15.439	252	484824	53.865	ng	# 98
91) Dibenzo(a,h)anthracene	17.039	278	365302	41.681	ng	# 96
92) Benzo(g,h,i)perylene	17.474	276	335081	34.451	ng	96

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

