

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137316.D
 Acq On : 07 Feb 2024 12:46
 Operator : CG\JU
 Sample : P1318-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1MS

Quant Time: Feb 07 13:04:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	56793	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	220551	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	130728	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	255203	20.000	ng	0.00
76) Chrysene-d12	13.969	240	148900	20.000	ng	0.00
86) Perylene-d12	15.451	264	152234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	470049	136.569	ng	0.02
7) Phenol-d6	6.428	99	599291	122.010	ng	0.00
23) Nitrobenzene-d5	7.351	82	453196	91.998	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	218900	148.268	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	817506	85.965	ng	0.00
79) Terphenyl-d14	12.916	244	913361	83.389	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	63072	34.248	ng	# 79
3) Pyridine	3.457	79	84443	24.251	ng	96
4) n-Nitrosodimethylamine	3.399	42	91178	48.508	ng	95
6) Aniline	6.463	93	101246	19.255	ng	91
8) 2-Chlorophenol	6.575	128	177490	46.121	ng	98
9) Benzaldehyde	6.345	77	8673	4.637	ng	88
10) Phenol	6.445	94	220181	40.159	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	162875	44.452	ng	97
12) 1,3-Dichlorobenzene	6.728	146	187504	41.556	ng	99
13) 1,4-Dichlorobenzene	6.804	146	188134	40.317	ng	98
14) 1,2-Dichlorobenzene	6.957	146	183773	42.120	ng	99
15) Benzyl Alcohol	6.934	79	182469	52.290	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	268450	40.672	ng	99
17) 2-Methylphenol	7.045	107	154510	48.058	ng	98
18) Hexachloroethane	7.298	117	70216	41.721	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	149406	44.363	ng	99
20) 3+4-Methylphenols	7.198	107	192516	47.301	ng	# 86
22) Acetophenone	7.198	105	276594	46.584	ng	95
24) Nitrobenzene	7.369	77	225287	47.119	ng	99
25) Isophorone	7.610	82	408873	44.967	ng	99
26) 2-Nitrophenol	7.687	139	90382	48.785	ng	96
27) 2,4-Dimethylphenol	7.722	122	126822	48.798	ng	95
28) bis(2-Chloroethoxy)met...	7.822	93	220922	45.753	ng	99
29) 2,4-Dichlorophenol	7.928	162	158478	49.154	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	173352	43.286	ng	99
31) Naphthalene	8.087	128	534950	44.866	ng	99
32) Benzoic acid	7.857	122	99547	53.139	ng	93
33) 4-Chloroaniline	8.157	127	25411m	6.196	ng	
34) Hexachlorobutadiene	8.204	225	116492	43.747	ng	98
35) Caprolactam	8.510	113	44520m	44.408	ng	
36) 4-Chloro-3-methylphenol	8.628	107	191218	50.214	ng	95
37) 2-Methylnaphthalene	8.781	142	358633	44.865	ng	99
38) 1-Methylnaphthalene	8.881	142	342971	46.194	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	200690	45.880	ng	98
41) Hexachlorocyclopentadiene	8.934	237	225655	108.311	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	126829	51.118	ng	95

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44) 2,4,5-Trichlorophenol	9.104	196	140607	51.847	ng	95
46) 1,1'-Biphenyl	9.245	154	476313	45.794	ng	99
47) 2-Chloronaphthalene	9.269	162	351344	45.644	ng	98
48) 2-Nitroaniline	9.369	65	138350	55.532	ng	93
49) Acenaphthylene	9.686	152	565020	45.851	ng	99
50) Dimethylphthalate	9.557	163	432342	48.954	ng	99
51) 2,6-Dinitrotoluene	9.616	165	100515	53.373	ng	90
52) Acenaphthene	9.857	154	338127	46.687	ng	99
53) 3-Nitroaniline	9.786	138	46782	27.604	ng	88
54) 2,4-Dinitrophenol	9.892	184	100509	114.126	ng	# 87
55) Dibenzofuran	10.033	168	536776	46.585	ng	100
56) 4-Nitrophenol	9.951	139	134140	120.418	ng	90
57) 2,4-Dinitrotoluene	10.022	165	135267	55.356	ng	92
58) Fluorene	10.375	166	424839	47.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	127393m	50.485	ng	
60) Diethylphthalate	10.257	149	422345	48.568	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	210311	46.840	ng	99
62) 4-Nitroaniline	10.404	138	87228m	53.771	ng	
63) Azobenzene	10.533	77	445491	46.257	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	75234	54.783	ng	84
66) n-Nitrosodiphenylamine	10.492	169	366501	47.231	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	134375	47.886	ng	96
68) Hexachlorobenzene	10.922	284	148826	47.482	ng	94
69) Atrazine	11.022	200	94276	36.804	ng	97
70) Pentachlorophenol	11.122	266	192879	107.347	ng	98
71) Phenanthrene	11.339	178	642278	48.074	ng	99
72) Anthracene	11.392	178	657147	47.191	ng	99
73) Carbazole	11.551	167	565586	48.599	ng	99
74) Di-n-butylphthalate	11.892	149	633482	50.356	ng	100
75) Fluoranthene	12.533	202	642156	45.933	ng	99
77) Benzidine	12.680	184	14633m	5.488	ng	
78) Pyrene	12.763	202	638706	44.635	ng	99
80) Butylbenzylphthalate	13.398	149	226371	61.842	ng	97
81) Benzo(a)anthracene	13.963	228	494055	46.851	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	97775	34.032	ng	98
83) Chrysene	13.998	228	487330	47.006	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	294690	69.198	ng	99
85) Di-n-octyl phthalate	14.580	149	444098	65.584	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	510971	47.775	ng	99
88) Benzo(b)fluoranthene	15.021	252	446381	47.679	ng	99
89) Benzo(k)fluoranthene	15.051	252	446363	45.068	ng	99
90) Benzo(a)pyrene	15.392	252	401922	45.619	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	415871	48.527	ng	97
92) Benzo(g,h,i)perylene	17.409	276	398191	47.341	ng	99

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

