

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136014.D
 Acq On : 28 Oct 2023 19:44
 Operator : CG\JU
 Sample : 04844-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05MSD

Quant Time: Oct 30 00:30:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/31/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	165071	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	656676	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	339035	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	619055	20.000	ng	0.00
76) Chrysene-d12	14.015	240	335474	20.000	ng	0.00
86) Perylene-d12	15.498	264	373834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1364595	127.652	ng	0.02
7) Phenol-d6	6.463	99	1615490	121.387	ng	0.00
23) Nitrobenzene-d5	7.392	82	1064512	102.416	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	528730	178.170	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1903447	89.899	ng	0.00
79) Terphenyl-d14	12.957	244	2175302	108.337	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	201485	40.575	ng	# 81
3) Pyridine	3.498	79	430201	31.387	ng	97
4) n-Nitrosodimethylamine	3.440	42	254683	42.615	ng	97
6) Aniline	6.492	93	320194	17.868	ng	100
8) 2-Chlorophenol	6.610	128	564028	50.967	ng	98
9) Benzaldehyde	6.375	77	122755	17.051	ng	99
10) Phenol	6.475	94	584419m	42.005	ng	
11) bis(2-Chloroethyl)ether	6.569	93	545988	50.416	ng	100
12) 1,3-Dichlorobenzene	6.769	146	570070	48.497	ng	95
13) 1,4-Dichlorobenzene	6.845	146	571728	48.429	ng	99
14) 1,2-Dichlorobenzene	6.992	146	550883	50.250	ng	98
15) Benzyl Alcohol	6.969	79	445750	47.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	728792	45.696	ng	95
17) 2-Methylphenol	7.081	107	420207	43.082	ng	98
18) Hexachloroethane	7.333	117	203699	50.744	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	361567	47.776	ng	94
20) 3+4-Methylphenols	7.233	107	512414	43.529	ng	# 84
22) Acetophenone	7.239	105	736623	49.666	ng	# 93
24) Nitrobenzene	7.410	77	546989	50.175	ng	99
25) Isophorone	7.645	82	1044440	50.318	ng	99
26) 2-Nitrophenol	7.722	139	276245	62.809	ng	99
27) 2,4-Dimethylphenol	7.763	122	426828	45.118	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	631685	49.558	ng	98
29) 2,4-Dichlorophenol	7.963	162	456434	53.879	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	492992	51.398	ng	99
31) Naphthalene	8.128	128	1550090	48.824	ng	100
32) Benzoic acid	7.886	122	327046	61.369	ng	87
33) 4-Chloroaniline	8.175	127	66667	4.751	ng	97
34) Hexachlorobutadiene	8.245	225	275105	50.886	ng	100
35) Caprolactam	8.557	113	142290m	50.474	ng	
36) 4-Chloro-3-methylphenol	8.657	107	487774	54.182	ng	99
37) 2-Methylnaphthalene	8.822	142	998725	47.545	ng	99
38) 1-Methylnaphthalene	8.922	142	961964	49.009	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	473636	49.462	ng	99
41) Hexachlorocyclopentadiene	8.975	237	433700	91.854	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	325804	58.132	ng	98

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44) 2,4,5-Trichlorophenol	9.139	196	362211	54.432	ng	99
46) 1,1'-Biphenyl	9.292	154	1274580	49.614	ng	99
47) 2-Chloronaphthalene	9.310	162	970800	51.090	ng	97
48) 2-Nitroaniline	9.410	65	299294	55.605	ng	92
49) Acenaphthylene	9.727	152	1535066	51.208	ng	99
50) Dimethylphthalate	9.598	163	1140011	51.851	ng	99
51) 2,6-Dinitrotoluene	9.651	165	264040	56.922	ng	90
52) Acenaphthene	9.904	154	1053945m	54.860	ng	
53) 3-Nitroaniline	9.822	138	171745	33.058	ng	# 85
54) 2,4-Dinitrophenol	9.927	184	238160	106.446	ng	93
55) Dibenzofuran	10.074	168	1352372	48.727	ng	100
56) 4-Nitrophenol	9.980	139	434844	96.646	ng	94
57) 2,4-Dinitrotoluene	10.057	165	346435	59.775	ng	98
58) Fluorene	10.422	166	1013217	48.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	298184	59.549	ng	99
60) Diethylphthalate	10.298	149	1086869	51.840	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	489853	48.907	ng	96
62) 4-Nitroaniline	10.439	138	273803	50.439	ng	96
63) Azobenzene	10.574	77	1038810	48.824	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	161208	66.850	ng	98
66) n-Nitrosodiphenylamine	10.533	169	951783	50.893	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	334910	52.827	ng	97
68) Hexachlorobenzene	10.963	284	379476	56.032	ng	96
69) Atrazine	11.069	200	338200	66.337	ng	99
70) Pentachlorophenol	11.163	266	428066	98.651	ng	97
71) Phenanthrene	11.386	178	1585825	50.634	ng	100
72) Anthracene	11.433	178	1605699	50.070	ng	99
73) Carbazole	11.592	167	1426961	49.881	ng	99
74) Di-n-butylphthalate	11.933	149	1708734	56.132	ng	100
75) Fluoranthene	12.574	202	1589430	48.238	ng	98
77) Benzidine	12.698	184	153123	23.671	ng	100
78) Pyrene	12.804	202	1592950	56.552	ng	99
80) Butylbenzylphthalate	13.439	149	634602	58.687	ng	98
81) Benzo(a)anthracene	14.004	228	1152701	50.534	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	246225	35.480	ng	98
83) Chrysene	14.039	228	1104981	49.737	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	771622	66.618	ng	98
85) Di-n-octyl phthalate	14.627	149	1293303	70.880	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	1091567	51.495	ng	99
88) Benzo(b)fluoranthene	15.062	252	1194547	53.693	ng	99
89) Benzo(k)fluoranthene	15.098	252	988443	45.237	ng	98
90) Benzo(a)pyrene	15.439	252	1000688	48.804	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	915344	50.483	ng	98
92) Benzo(g,h,i)perylene	17.474	276	826800	40.724	ng	99

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

