

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133838.D
 Acq On : 19 Jun 2023 17:40
 Operator : CG\JU
 Sample : 03282-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-001MSD

Quant Time: Jun 20 01:34:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96290	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	363699	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	168484	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	278881	20.000	ng	0.00
76) Chrysene-d12	14.045	240	182058	20.000	ng	0.00
86) Perylene-d12	15.551	264	236286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	428272	77.431	ng	0.00
7) Phenol-d6	6.493	99	515163	71.555	ng	0.00
23) Nitrobenzene-d5	7.422	82	353937	53.005	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	124126	58.201	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	534938	45.133	ng	0.00
79) Terphenyl-d14	12.980	244	389950	33.143	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	100135	41.180	ng	96
3) Pyridine	3.487	79	243536	34.361	ng	93
4) n-Nitrosodimethylamine	3.452	42	172747	44.093	ng	99
6) Aniline	6.522	93	344720	38.015	ng	98
8) 2-Chlorophenol	6.645	128	268399	46.047	ng	96
9) Benzaldehyde	6.410	77	147583	30.897	ng	97
10) Phenol	6.510	94	329922	43.886	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	247357	44.320	ng	98
12) 1,3-Dichlorobenzene	6.798	146	299647	48.114	ng	98
13) 1,4-Dichlorobenzene	6.875	146	298660	47.447	ng	96
14) 1,2-Dichlorobenzene	7.028	146	286654	50.399	ng	99
15) Benzyl Alcohol	6.998	79	249205	44.318	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	458708	48.485	ng	100
17) 2-Methylphenol	7.110	107	210330	40.711	ng	97
18) Hexachloroethane	7.369	117	115925	53.796	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	196292	42.852	ng	95
20) 3+4-Methylphenols	7.263	107	263213	39.163	ng	91
22) Acetophenone	7.269	105	376815	45.173	ng	# 97
24) Nitrobenzene	7.439	77	294001	43.726	ng	99
25) Isophorone	7.681	82	521351	42.528	ng	98
26) 2-Nitrophenol	7.757	139	145540	48.231	ng	97
27) 2,4-Dimethylphenol	7.792	122	230491	44.316	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	306040	43.194	ng	99
29) 2,4-Dichlorophenol	7.998	162	218157	42.797	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	239760	45.082	ng	98
31) Naphthalene	8.163	128	757591	42.755	ng	99
32) Benzoic acid	7.904	122	150509	45.884	ng	98
33) 4-Chloroaniline	8.210	127	207442	27.380	ng	98
34) Hexachlorobutadiene	8.275	225	153867	44.189	ng	98
35) Caprolactam	8.586	113	64619m	37.673	ng	
36) 4-Chloro-3-methylphenol	8.692	107	234529	39.916	ng	100
37) 2-Methylnaphthalene	8.851	142	502098	40.782	ng	98
38) 1-Methylnaphthalene	8.951	142	464652	41.014	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	237916	46.449	ng	98
41) Hexachlorocyclopentadiene	9.004	237	257584	112.849	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	149582	43.702	ng	96

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44) 2,4,5-Trichlorophenol	9.169	196	161760	40.623	ng	98
46) 1,1'-Biphenyl	9.316	154	634219	46.673	ng	99
47) 2-Chloronaphthalene	9.339	162	454383	46.617	ng	98
48) 2-Nitroaniline	9.439	65	152624	42.814	ng	98
49) Acenaphthylene	9.757	152	727844	42.902	ng	99
50) Dimethylphthalate	9.622	163	527900	41.977	ng	99
51) 2,6-Dinitrotoluene	9.681	165	112737	43.431	ng	# 73
52) Acenaphthene	9.933	154	424894	42.788	ng	99
53) 3-Nitroaniline	9.851	138	101060	31.992	ng	91
54) 2,4-Dinitrophenol	9.963	184	113483	88.788	ng	95
55) Dibenzofuran	10.104	168	648874	42.823	ng	97
56) 4-Nitrophenol	10.016	139	160796	75.423	ng	# 77
57) 2,4-Dinitrotoluene	10.086	165	141432	42.841	ng	98
58) Fluorene	10.445	166	489086	42.208	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	129586	43.467	ng	98
60) Diethylphthalate	10.322	149	536136	41.888	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	237646	41.543	ng	98
62) 4-Nitroaniline	10.469	138	107133	34.590	ng	92
63) Azobenzene	10.598	77	509065	42.013	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	72692	54.548	ng	95
66) n-Nitrosodiphenylamine	10.557	169	427690	45.656	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	141382	45.421	ng	93
68) Hexachlorobenzene	10.992	284	150422	45.955	ng	96
69) Atrazine	11.086	200	126739	46.629	ng	99
70) Pentachlorophenol	11.192	266	144294	73.618	ng	97
71) Phenanthrene	11.416	178	617650	43.653	ng	99
72) Anthracene	11.463	178	614910	41.680	ng	100
73) Carbazole	11.622	167	551573	40.142	ng	100
74) Di-n-butylphthalate	11.957	149	725019	41.159	ng	100
75) Fluoranthene	12.610	202	579216	38.549	ng	99
77) Benzidine	12.733	184	331121	54.201	ng	100
78) Pyrene	12.839	202	583999	34.435	ng	100
80) Butylbenzylphthalate	13.463	149	272103	38.005	ng	100
81) Benzo(a)anthracene	14.039	228	554982	44.071	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	200848	47.973	ng	# 98
83) Chrysene	14.074	228	516579	43.371	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	397190	45.055	ng	99
85) Di-n-octyl phthalate	14.651	149	758918	60.580	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	691854	42.560	ng	99
88) Benzo(b)fluoranthene	15.110	252	622414	43.364	ng	99
89) Benzo(k)fluoranthene	15.139	252	597051	42.702	ng	98
90) Benzo(a)pyrene	15.492	252	560607	42.084	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	568055	42.209	ng	99
92) Benzo(g,h,i)perylene	17.580	276	528312	39.594	ng	99

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

