

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132327.D
 Acq On : 03 Feb 2023 18:03
 Operator : CG\JU
 Sample : 01371-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMSD

Quant Time: Feb 04 01:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	224717	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	880799	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	449443	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	791248	20.000	ng	0.00
76) Chrysene-d12	14.271	240	384936	20.000	ng	0.00
86) Perylene-d12	15.848	264	372654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1221037	87.341	ng	0.02
7) Phenol-d6	6.678	99	1520346	88.210	ng	0.00
23) Nitrobenzene-d5	7.625	82	931293	58.837	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	469519	101.586	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1674915	57.549	ng	0.00
79) Terphenyl-d14	13.201	244	1598114	80.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.084	88	248177	37.727	ng	96
3) Pyridine	3.813	79	612891	34.344	ng	97
4) n-Nitrosodimethylamine	3.778	42	214683	37.596	ng	95
6) Aniline	6.719	93	481161m	20.573	ng	
8) 2-Chlorophenol	6.843	128	685816	47.365	ng	96
9) Benzaldehyde	6.613	77	396190	41.696	ng	94
10) Phenol	6.696	94	761082	42.663	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	639148	43.533	ng	95
12) 1,3-Dichlorobenzene	7.001	146	707291	46.186	ng	98
13) 1,4-Dichlorobenzene	7.078	146	712250	46.593	ng	99
14) 1,2-Dichlorobenzene	7.231	146	682826	47.897	ng	98
15) Benzyl Alcohol	7.195	79	539815	42.923	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.331	45	605744	39.159	ng	93
17) 2-Methylphenol	7.301	107	538794	42.510	ng	99
18) Hexachloroethane	7.578	117	270051	47.092	ng	96
19) n-Nitroso-di-n-propyla...	7.472	70	370529	37.847	ng	97
20) 3+4-Methylphenols	7.454	107	652847	40.356	ng	94
22) Acetophenone	7.472	105	832794	40.205	ng	97
24) Nitrobenzene	7.648	77	636077	39.336	ng	92
25) Isophorone	7.884	82	1245693	41.465	ng	96
26) 2-Nitrophenol	7.960	139	380066	48.253	ng	93
27) 2,4-Dimethylphenol	7.990	122	621019	45.045	ng	98
28) bis(2-Chloroethoxy)met...	8.090	93	774233	41.937	ng	99
29) 2,4-Dichlorophenol	8.201	162	561053	45.837	ng	97
30) 1,2,4-Trichlorobenzene	8.284	180	596821	45.533	ng	97
31) Naphthalene	8.372	128	1789983	41.286	ng	99
32) Benzoic acid	8.107	122	476729m	46.716	ng	
33) 4-Chloroaniline	8.413	127	76973	4.004	ng	97
34) Hexachlorobutadiene	8.484	225	352209	47.799	ng	99
35) Caprolactam	8.801	113	185917m	44.554	ng	
36) 4-Chloro-3-methylphenol	8.889	107	593011	44.971	ng	97
37) 2-Methylnaphthalene	9.066	142	1217036	41.442	ng	100
38) 1-Methylnaphthalene	9.166	142	1129283	41.379	ng	99
40) 1,2,4,5-Tetrachloroben...	9.231	216	566724	44.808	ng	99
41) Hexachlorocyclopentadiene	9.213	237	716714	97.127	ng	99
43) 2,4,6-Trichlorophenol	9.337	196	415586	45.967	ng	99

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44) 2,4,5-Trichlorophenol	9.378	196	437487	42.041	ng	99
46) 1,1'-Biphenyl	9.531	154	1460354	42.146	ng	97
47) 2-Chloronaphthalene	9.560	162	1134150	42.975	ng	99
48) 2-Nitroaniline	9.648	65	293789	37.431	ng	85
49) Acenaphthylene	9.978	152	1777391	41.266	ng	99
50) Dimethylphthalate	9.831	163	1369128	43.549	ng	99
51) 2,6-Dinitrotoluene	9.889	165	319943	45.567	ng	93
52) Acenaphthene	10.148	154	1259371	46.703	ng	99
53) 3-Nitroaniline	10.060	138	146140	17.163	ng	95
54) 2,4-Dinitrophenol	10.166	184	358586	87.664	ng	96
55) Dibenzofuran	10.325	168	1552984	40.990	ng	99
56) 4-Nitrophenol	10.219	139	511305	79.797	ng	95
57) 2,4-Dinitrotoluene	10.301	165	415235	45.526	ng	89
58) Fluorene	10.666	166	1201398	41.203	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.436	232	347519	45.809	ng	99
60) Diethylphthalate	10.531	149	1378255	44.068	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	593374	42.880	ng	97
62) 4-Nitroaniline	10.689	138	310749	38.057	ng	97
63) Azobenzene	10.813	77	1375230	45.142	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	228397	50.859	ng	98
66) n-Nitrosodiphenylamine	10.772	169	1058287	42.713	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	381338	47.065	ng	98
68) Hexachlorobenzene	11.219	284	434989	50.229	ng	# 90
69) Atrazine	11.301	200	372365	52.250	ng	99
70) Pentachlorophenol	11.407	266	465708	78.267	ng	100
71) Phenanthrene	11.636	178	1750443	42.335	ng	100
72) Anthracene	11.689	178	1754389	41.693	ng	99
73) Carbazole	11.842	167	1530234	40.558	ng	99
74) Di-n-butylphthalate	12.160	149	2063666	46.265	ng	99
75) Fluoranthene	12.836	202	1693472	40.136	ng	98
77) Benzidine	12.948	184	508120	37.757	ng	98
78) Pyrene	13.066	202	1688940	54.551	ng	98
80) Butylbenzylphthalate	13.672	149	784885	57.380	ng	98
81) Benzo(a)anthracene	14.260	228	1227033	45.576	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	140720	16.410	ng	# 98
83) Chrysene	14.301	228	1111416	44.086	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	1089898	58.948	ng	99
85) Di-n-octyl phthalate	14.866	149	1485357	49.254	ng	97
87) Indeno(1,2,3-cd)pyrene	17.495	276	1254322	50.656	ng	97
88) Benzo(b)fluoranthene	15.377	252	1111704	46.932	ng	98
89) Benzo(k)fluoranthene	15.413	252	960176	42.466	ng	99
90) Benzo(a)pyrene	15.783	252	926152	41.988	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	1018749	51.173	ng	98
92) Benzo(g,h,i)perylene	18.001	276	1021336	49.659	ng	96

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

