

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132045.D
 Acq On : 12 Jan 2023 17:09
 Operator : CG\JU
 Sample : 01084-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 01:34:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	79506	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290035	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	171936	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	314938	20.000	ng	0.00
76) Chrysene-d12	13.962	240	151811	20.000	ng	0.00
86) Perylene-d12	15.421	264	153643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	573981	118.959	ng	0.03
7) Phenol-d6	6.428	99	686517	107.312	ng	0.00
23) Nitrobenzene-d5	7.351	82	580425	83.058	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	239893	121.349	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1037809	81.484	ng	0.00
79) Terphenyl-d14	12.904	244	1093649	103.253	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	78436	37.221	ng	# 82
3) Pyridine	3.445	79	194019m	32.805	ng	
4) n-Nitrosodimethylamine	3.310	42	116771	42.010	ng	91
6) Aniline	6.439	93	103817	12.334	ng	# 1
8) 2-Chlorophenol	6.569	128	212466	43.889	ng	95
9) Benzaldehyde	6.328	77	104400	24.526	ng	99
10) Phenol	6.439	94	252797	35.422	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	234359	43.563	ng	99
12) 1,3-Dichlorobenzene	6.710	146	225507	41.822	ng	97
13) 1,4-Dichlorobenzene	6.792	146	226796	41.570	ng	97
14) 1,2-Dichlorobenzene	6.939	146	216005	41.688	ng	97
15) Benzyl Alcohol	6.928	79	239275	42.950	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	283800	41.801	ng	# 13
17) 2-Methylphenol	7.045	107	188790	39.407	ng	93
18) Hexachloroethane	7.281	117	92978	41.210	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	194292	41.984	ng	99
20) 3+4-Methylphenols	7.204	107	244457	39.746	ng	# 69
22) Acetophenone	7.192	105	362588	42.938	ng	93
24) Nitrobenzene	7.369	77	291646	40.994	ng	99
25) Isophorone	7.610	82	532192	40.765	ng	99
26) 2-Nitrophenol	7.681	139	118411	42.301	ng	91
27) 2,4-Dimethylphenol	7.728	122	197843	42.342	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	297202	41.133	ng	98
29) 2,4-Dichlorophenol	7.933	162	204344	42.697	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	233065	42.521	ng	97
31) Naphthalene	8.086	128	627592	40.945	ng	99
32) Benzoic acid	7.869	122	61295	22.628	ng	97
33) 4-Chloroaniline	8.139	127	52520	8.303	ng	97
34) Hexachlorobutadiene	8.192	225	151612	39.896	ng	99
35) Caprolactam	8.533	113	48153m	34.257	ng	
36) 4-Chloro-3-methylphenol	8.645	107	234027	41.663	ng	97
37) 2-Methylnaphthalene	8.780	142	445341	40.455	ng	100
38) 1-Methylnaphthalene	8.880	142	409880	40.188	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	254377	41.986	ng	99
41) Hexachlorocyclopentadiene	8.927	237	177587	61.067	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	157067	43.069	ng	99

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44) 2,4,5-Trichlorophenol	9.116	196	161681	38.082	ng	98
46) 1,1'-Biphenyl	9.245	154	559900	42.191	ng	99
47) 2-Chloronaphthalene	9.269	162	445965	43.298	ng	99
48) 2-Nitroaniline	9.380	65	156801	41.913	ng	95
49) Acenaphthylene	9.686	152	664747	41.590	ng	99
50) Dimethylphthalate	9.557	163	554205	41.352	ng	100
51) 2,6-Dinitrotoluene	9.622	165	116221	41.231	ng	88
52) Acenaphthene	9.857	154	402047	41.905	ng	98
53) 3-Nitroaniline	9.792	138	45186	16.523	ng	# 98
54) 2,4-Dinitrophenol	9.904	184	71372	50.429	ng	96
55) Dibenzofuran	10.033	168	619286	40.949	ng	99
56) 4-Nitrophenol	9.974	139	111434	72.342	ng	93
57) 2,4-Dinitrotoluene	10.027	165	155566	41.279	ng	88
58) Fluorene	10.374	166	500591	41.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	125732m	39.744	ng	
60) Diethylphthalate	10.251	149	530529	40.257	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	276217	39.939	ng	99
62) 4-Nitroaniline	10.416	138	91096	37.045	ng	96
63) Azobenzene	10.527	77	566018	40.488	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	63891	31.458	ng	85
66) n-Nitrosodiphenylamine	10.492	169	424146	42.927	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	161828	41.075	ng	99
68) Hexachlorobenzene	10.921	284	178288	44.735	ng	95
69) Atrazine	11.021	200	158050	43.987	ng	98
70) Pentachlorophenol	11.127	266	136730	65.187	ng	95
71) Phenanthrene	11.339	178	696450	42.420	ng	100
72) Anthracene	11.392	178	714308	42.263	ng	99
73) Carbazole	11.551	167	593080	42.385	ng	98
74) Di-n-butylphthalate	11.874	149	787888	40.439	ng	99
75) Fluoranthene	12.533	202	697543	37.778	ng	98
77) Benzidine	12.657	184	60405	11.977	ng	97
78) Pyrene	12.763	202	693916	50.116	ng	99
80) Butylbenzylphthalate	13.380	149	254095	45.464	ng	94
81) Benzo(a)anthracene	13.951	228	463545	41.970	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	58765	17.048	ng	96
83) Chrysene	13.986	228	429939	41.653	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	339166	44.794	ng	99
85) Di-n-octyl phthalate	14.551	149	488417	47.139	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	494889	52.520	ng	100
88) Benzo(b)fluoranthene	14.998	252	426301	40.453	ng	98
89) Benzo(k)fluoranthene	15.027	252	405591	38.565	ng	98
90) Benzo(a)pyrene	15.356	252	372165	39.197	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	414413	52.464	ng	99
92) Benzo(g,h,i)perylene	17.321	276	403981	47.781	ng	99

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

