

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132129.D
 Acq On : 18 Jan 2023 21:04
 Operator : CG\JU
 Sample : 01159-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-EMS

Quant Time: Jan 19 05:22:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 01/19/2023
 Supervised By :Jagrut
 Upadhyay
 01/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	210392	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	745657	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	392305	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	752524	20.000	ng	0.00
76) Chrysene-d12	14.312	240	426249	20.000	ng	0.00
86) Perylene-d12	15.912	264	454802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.736	112	1163887	98.421	ng	0.02
7) Phenol-d6	6.713	99	1450648	94.956	ng	0.00
23) Nitrobenzene-d5	7.660	82	1077330	76.691	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	479305	111.666	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1766731	78.356	ng	0.00
79) Terphenyl-d14	13.242	244	1970027	74.990	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.272	88	202153	32.639	ng	# 84
3) Pyridine	3.925	79	461436	27.824	ng	96
4) n-Nitrosodimethylamine	3.872	42	273118	34.078	ng	94
6) Aniline	6.760	93	246133m	11.522	ng	
8) 2-Chlorophenol	6.883	128	505561	40.168	ng	97
9) Benzaldehyde	6.648	77	185892	17.318	ng	97
10) Phenol	6.725	94	516096	32.830	ng	97
11) bis(2-Chloroethyl)ether	6.830	93	504335	37.726	ng	99
12) 1,3-Dichlorobenzene	7.042	146	506380	36.560	ng	98
13) 1,4-Dichlorobenzene	7.113	146	509590	36.757	ng	97
14) 1,2-Dichlorobenzene	7.266	146	493910	37.598	ng	97
15) Benzyl Alcohol	7.230	79	452451	37.260	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	744871	37.429	ng	98
17) 2-Methylphenol	7.336	107	390607	34.483	ng	99
18) Hexachloroethane	7.613	117	191733	37.522	ng	96
19) n-Nitroso-di-n-propyla...	7.507	70	341373	35.543	ng	100
20) 3+4-Methylphenols	7.489	107	487089	34.644	ng	92
22) Acetophenone	7.507	105	645155	37.508	ng	96
24) Nitrobenzene	7.683	77	554455	37.694	ng	96
25) Isophorone	7.913	82	1019358	36.266	ng	100
26) 2-Nitrophenol	7.995	139	247611	41.315	ng	95
27) 2,4-Dimethylphenol	8.019	122	442303	37.019	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	602477	37.378	ng	99
29) 2,4-Dichlorophenol	8.230	162	428314	38.254	ng	97
30) 1,2,4-Trichlorobenzene	8.325	180	465866	38.076	ng	98
31) Naphthalene	8.407	128	1358797	37.115	ng	100
32) Benzoic acid	8.119	122	281911	34.346	ng	97
33) 4-Chloroaniline	8.442	127	48670	3.028	ng	94
34) Hexachlorobutadiene	8.519	225	304834	37.780	ng	98
35) Caprolactam	8.819	113	114508m	31.473	ng	
36) 4-Chloro-3-methylphenol	8.919	107	438353	37.546	ng	99
37) 2-Methylnaphthalene	9.101	142	904851	35.493	ng	100
38) 1-Methylnaphthalene	9.201	142	848459	35.422	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	474063	37.597	ng	98
41) Hexachlorocyclopentadiene	9.254	237	550772	82.197	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	324348	40.025	ng	100

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44) 2,4,5-Trichlorophenol	9.413	196	361162	36.471	ng	96
46) 1,1'-Biphenyl	9.566	154	1113504	38.444	ng	99
47) 2-Chloronaphthalene	9.595	162	871685	38.570	ng	97
48) 2-Nitroaniline	9.683	65	291494	37.833	ng	94
49) Acenaphthylene	10.013	152	1375449	37.557	ng	98
50) Dimethylphthalate	9.860	163	1069311	37.495	ng	100
51) 2,6-Dinitrotoluene	9.924	165	236661	39.010	ng	89
52) Acenaphthene	10.183	154	882072	39.773	ng	99
53) 3-Nitroaniline	10.089	138	81048	12.619	ng	100
54) 2,4-Dinitrophenol	10.195	184	181821	70.539	ng	# 57
55) Dibenzofuran	10.360	168	1259369	36.906	ng	97
56) 4-Nitrophenol	10.242	139	320108	69.763	ng	91
57) 2,4-Dinitrotoluene	10.330	165	300451	40.095	ng	91
58) Fluorene	10.701	166	931155	36.795	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.471	232	301342	38.662	ng	100
60) Diethylphthalate	10.566	149	1050139	36.775	ng	99
61) 4-Chlorophenyl-phenyle...	10.689	204	502660	36.954	ng	96
62) 4-Nitroaniline	10.713	138	195837	33.813	ng	97
63) Azobenzene	10.854	77	1000929	35.985	ng	96
65) 4,6-Dinitro-2-methylph...	10.736	198	130833	37.386	ng	99
66) n-Nitrosodiphenylamine	10.807	169	848961	37.591	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	330714	38.688	ng	97
68) Hexachlorobenzene	11.254	284	345886	40.218	ng	95
69) Atrazine	11.330	200	304359	40.045	ng	99
70) Pentachlorophenol	11.442	266	393270	66.557	ng	99
71) Phenanthrene	11.677	178	1406380	37.805	ng	99
72) Anthracene	11.724	178	1414525	37.396	ng	99
73) Carbazole	11.877	167	1238284	37.518	ng	99
74) Di-n-butylphthalate	12.201	149	1558724	38.890	ng	100
75) Fluoranthene	12.871	202	1500384	37.652	ng	99
77) Benzidine	12.983	184	270656	23.580	ng	98
78) Pyrene	13.107	202	1497487	36.703	ng	99
80) Butylbenzylphthalate	13.718	149	581083	40.405	ng	95
81) Benzo(a)anthracene	14.301	228	1154329	38.747	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	128996	16.278	ng	97
83) Chrysene	14.336	228	1071012	38.242	ng	100
84) Bis(2-ethylhexyl)phtha...	14.271	149	785810	41.781	ng	99
85) Di-n-octyl phthalate	14.912	149	1215081	49.263	ng	99
87) Indeno(1,2,3-cd)pyrene	17.577	276	1228215	45.834	ng	99
88) Benzo(b)fluoranthene	15.430	252	1101408	38.493	ng	99
89) Benzo(k)fluoranthene	15.465	252	1086439	37.957	ng	99
90) Benzo(a)pyrene	15.842	252	967389	37.399	ng	99
91) Dibenzo(a,h)anthracene	17.600	278	990346	45.993	ng	99
92) Benzo(g,h,i)perylene	18.089	276	1025970	45.732	ng	99

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

