

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132100.D
 Acq On : 17 Jan 2023 18:30
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011723

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 00:50:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:47:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	218857	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	797494	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	427999	20.000	ng	0.00
64) Phenanthrene-d10	11.657	188	825154	20.000	ng	0.00
76) Chrysene-d12	14.321	240	442062	20.000	ng	0.00
86) Perylene-d12	15.921	264	382092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.722	112	920473	75.257	ng	0.00
7) Phenol-d6	6.716	99	1208072	76.572	ng	0.00
23) Nitrobenzene-d5	7.669	82	1151448	80.726	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	349002	80.557	ng	0.00
45) 2-Fluorobiphenyl	9.469	172	1852737	64.837	ng	0.00
79) Terphenyl-d14	13.251	244	1981597	75.563	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	250021	39.024	ng	99
3) Pyridine	3.822	79	682597	38.968	ng	99
4) n-Nitrosodimethylamine	3.793	42	341731	39.953	ng	98
6) Aniline	6.769	93	870084	38.281	ng	99
8) 2-Chlorophenol	6.886	128	499327	38.982	ng	98
9) Benzaldehyde	6.657	77	408892	35.891	ng	98
10) Phenol	6.728	94	625307	38.237	ng	100
11) bis(2-Chloroethyl)ether	6.834	93	535189	37.941	ng	99
12) 1,3-Dichlorobenzene	7.045	146	548769	38.301	ng	99
13) 1,4-Dichlorobenzene	7.116	146	547314	38.584	ng	97
14) 1,2-Dichlorobenzene	7.275	146	491690	36.051	ng	99
15) Benzyl Alcohol	7.234	79	514325	41.041	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.369	45	821775	38.148	ng	99
17) 2-Methylphenol	7.333	107	451861	38.521	ng	100
18) Hexachloroethane	7.616	117	207095	40.592	ng	97
19) n-Nitroso-di-n-propyla...	7.510	70	376338	37.451	ng	97
20) 3+4-Methylphenols	7.492	107	569365	39.583	ng	98
22) Acetophenone	7.510	105	664185	36.002	ng	98
24) Nitrobenzene	7.686	77	606101	40.001	ng	99
25) Isophorone	7.922	82	1141630	37.578	ng	99
26) 2-Nitrophenol	7.998	139	256731	43.240	ng	99
27) 2,4-Dimethylphenol	8.028	122	480069	38.842	ng	98
28) bis(2-Chloroethoxy)met...	8.128	93	633530	36.456	ng	100
29) 2,4-Dichlorophenol	8.239	162	457946	39.599	ng	99
30) 1,2,4-Trichlorobenzene	8.328	180	490846	38.115	ng	99
31) Naphthalene	8.410	128	1439621	36.674	ng	100
32) Benzoic acid	8.139	122	357112m	41.665	ng	
33) 4-Chloroaniline	8.451	127	635093	37.155	ng	100
34) Hexachlorobutadiene	8.522	225	323806	38.519	ng	99
35) Caprolactam	8.833	113	151513	40.408	ng	94
36) 4-Chloro-3-methylphenol	8.922	107	475904	39.066	ng	99
37) 2-Methylnaphthalene	9.104	142	997509	36.946	ng	99
38) 1-Methylnaphthalene	9.204	142	942973	37.185	ng	100
40) 1,2,4,5-Tetrachloroben...	9.269	216	509109	37.575	ng	99
41) Hexachlorocyclopentadiene	9.257	237	296699	44.228	ng	97
43) 2,4,6-Trichlorophenol	9.375	196	352602	39.763	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.410	196	408246	39.807	ng	98
46) 1,1'-Biphenyl	9.569	154	1169036	36.810	ng	100
47) 2-Chloronaphthalene	9.598	162	918186	37.238	ng	99
48) 2-Nitroaniline	9.686	65	334432	45.319	ng	97
49) Acenaphthylene	10.016	152	1487937	37.059	ng	100
50) Dimethylphthalate	9.869	163	1139901	37.150	ng	100
51) 2,6-Dinitrotoluene	9.927	165	260852	44.232	ng	91
52) Acenaphthene	10.192	154	894479	37.302	ng	98
53) 3-Nitroaniline	10.104	138	270029	41.795	ng	97
54) 2,4-Dinitrophenol	10.204	184	112071	40.392	ng	88
55) Dibenzofuran	10.363	168	1364485	36.733	ng	100
56) 4-Nitrophenol	10.239	139	207641	42.869	ng	93
57) 2,4-Dinitrotoluene	10.333	165	327969	45.640	ng	# 88
58) Fluorene	10.710	166	986652	35.874	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.474	232	321250	39.888	ng	99
60) Diethylphthalate	10.569	149	1165519	38.007	ng	99
61) 4-Chlorophenyl-phenyle...	10.698	204	531354	36.370	ng	97
62) 4-Nitroaniline	10.722	138	247208	41.043	ng	98
63) Azobenzene	10.857	77	1136093	36.851	ng	99
65) 4,6-Dinitro-2-methylph...	10.745	198	167496	43.038	ng	91
66) n-Nitrosodiphenylamine	10.816	169	917844	37.120	ng	100
67) 4-Bromophenyl-phenylether	11.192	248	351179	38.025	ng	98
68) Hexachlorobenzene	11.257	284	350939	38.190	ng	99
69) Atrazine	11.339	200	315877	39.094	ng	99
70) Pentachlorophenol	11.445	266	266108	42.576	ng	98
71) Phenanthrene	11.680	178	1498520	36.529	ng	100
72) Anthracene	11.733	178	1526859	36.738	ng	99
73) Carbazole	11.886	167	1342443	36.543	ng	99
74) Di-n-butylphthalate	12.210	149	1659306	38.003	ng	99
75) Fluoranthene	12.880	202	1631790	36.921	ng	100
77) Benzidine	12.992	184	493390	42.516	ng	96
78) Pyrene	13.115	202	1635947	39.327	ng	99
80) Butylbenzylphthalate	13.727	149	620205	45.267	ng	99
81) Benzo(a)anthracene	14.310	228	1172034	37.690	ng	99
82) 3,3'-Dichlorobenzidine	14.268	252	342107	41.985	ng	99
83) Chrysene	14.351	228	1088432	37.210	ng	99
84) Bis(2-ethylhexyl)phtha...	14.280	149	808833	43.052	ng	99
85) Di-n-octyl phthalate	14.921	149	1095661	41.398	ng	99
87) Indeno(1,2,3-cd)pyrene	17.592	276	941762	43.366	ng	99
88) Benzo(b)fluoranthene	15.439	252	966832	39.917	ng	100
89) Benzo(k)fluoranthene	15.474	252	884447	36.147	ng	99
90) Benzo(a)pyrene	15.851	252	873141	39.834	ng	100
91) Dibenzo(a,h)anthracene	17.615	278	762736	43.756	ng	99
92) Benzo(g,h,i)perylene	18.103	276	786196	43.522	ng	99

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

