

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132299.D
 Acq On : 02 Feb 2023 19:06
 Operator : CG\JU
 Sample : 01386-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 00:24:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	208482	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	799541	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	399491	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	693348	20.000	ng	0.00
76) Chrysene-d12	14.277	240	310300	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	387788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1412654	108.916	ng	0.03
7) Phenol-d6	6.690	99	1654233	103.452	ng	0.00
23) Nitrobenzene-d5	7.637	82	1152149	80.188	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	566820	137.972	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1980092	76.541	ng	0.00
79) Terphenyl-d14	13.213	244	1720043	107.227	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	232363m	38.074	ng	Qvalue
3) Pyridine	3.890	79	526676	31.811	ng	97
4) n-Nitrosodimethylamine	3.837	42	197647	37.308	ng	93
6) Aniline	6.731	93	199559m	9.197	ng	
8) 2-Chlorophenol	6.854	128	636542	47.385	ng	96
9) Benzaldehyde	6.619	77	338513	36.867	ng	100
10) Phenol	6.701	94	602532	36.405	ng	98
11) bis(2-Chloroethyl)ether	6.801	93	601946	44.192	ng	95
12) 1,3-Dichlorobenzene	7.007	146	578270	40.701	ng	99
13) 1,4-Dichlorobenzene	7.084	146	590585	41.643	ng	99
14) 1,2-Dichlorobenzene	7.237	146	574188	43.413	ng	99
15) Benzyl Alcohol	7.207	79	490320	42.024	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.337	45	575268	40.085	ng	94
17) 2-Methylphenol	7.307	107	480913	40.898	ng	99
18) Hexachloroethane	7.584	117	217692	40.917	ng	98
19) n-Nitroso-di-n-propyla...	7.478	70	345972	38.091	ng	98
20) 3+4-Methylphenols	7.460	107	586263	39.063	ng	95
22) Acetophenone	7.478	105	777778	41.365	ng	98
24) Nitrobenzene	7.654	77	584402	39.813	ng	94
25) Isophorone	7.890	82	1121183	41.113	ng	96
26) 2-Nitrophenol	7.966	139	343724	48.074	ng	93
27) 2,4-Dimethylphenol	7.995	122	544987	43.548	ng	98
28) bis(2-Chloroethoxy)met...	8.095	93	734411	43.823	ng	99
29) 2,4-Dichlorophenol	8.207	162	501345	45.122	ng	97
30) 1,2,4-Trichlorobenzene	8.290	180	520840	43.775	ng	97
31) Naphthalene	8.378	128	1598778	40.624	ng	99
32) Benzoic acid	8.072	122	162593m	17.552	ng	
33) 4-Chloroaniline	8.419	127	57926	3.319	ng	97
34) Hexachlorobutadiene	8.490	225	289983	43.353	ng	100
35) Caprolactam	8.790	113	141420m	37.335	ng	
36) 4-Chloro-3-methylphenol	8.895	107	527719	44.087	ng	96
37) 2-Methylnaphthalene	9.072	142	1087724	40.803	ng	100
38) 1-Methylnaphthalene	9.172	142	1013037	40.892	ng	99
40) 1,2,4,5-Tetrachloroben...	9.237	216	500377	44.509	ng	100
41) Hexachlorocyclopentadiene	9.225	237	579921	88.416	ng	99
43) 2,4,6-Trichlorophenol	9.342	196	367090	45.680	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	391115	42.285	ng	99
46) 1,1'-Biphenyl	9.537	154	1312769	42.624	ng	97
47) 2-Chloronaphthalene	9.566	162	1027243	43.791	ng	99
48) 2-Nitroaniline	9.654	65	267391	38.328	ng	86
49) Acenaphthylene	9.984	152	1609940	42.052	ng	99
50) Dimethylphthalate	9.831	163	1229838	44.010	ng	98
51) 2,6-Dinitrotoluene	9.895	165	286829	45.958	ng	92
52) Acenaphthene	10.154	154	1005739	41.961	ng	99
53) 3-Nitroaniline	10.066	138	113699	15.022	ng	91
54) 2,4-Dinitrophenol	10.166	184	128258	37.862	ng #	43
55) Dibenzofuran	10.331	168	1409110	41.843	ng	98
56) 4-Nitrophenol	10.219	139	400593	70.336	ng	96
57) 2,4-Dinitrotoluene	10.301	165	372672	45.968	ng	95
58) Fluorene	10.672	166	1069176	41.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	308355	45.729	ng	98
60) Diethylphthalate	10.536	149	1235906	44.458	ng	98
61) 4-Chlorophenyl-phenyle...	10.660	204	536757	43.639	ng	97
62) 4-Nitroaniline	10.689	138	258471	35.613	ng	99
63) Azobenzene	10.825	77	1047427	38.681	ng	94
65) 4,6-Dinitro-2-methylph...	10.713	198	126875	32.241	ng	91
66) n-Nitrosodiphenylamine	10.778	169	962900	44.351	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	343116	48.327	ng	97
68) Hexachlorobenzene	11.225	284	382273	50.375	ng	95
69) Atrazine	11.307	200	325968	52.198	ng	99
70) Pentachlorophenol	11.419	266	363798	69.773	ng	100
71) Phenanthrene	11.642	178	1546539	42.685	ng	100
72) Anthracene	11.695	178	1563355	42.399	ng	99
73) Carbazole	11.848	167	1322948	40.015	ng	100
74) Di-n-butylphthalate	12.166	149	1792955	45.872	ng	100
75) Fluoranthene	12.842	202	1359785	36.778	ng	99
77) Benzidine	12.954	184	184452	17.003	ng	98
78) Pyrene	13.072	202	1320403	52.906	ng	99
80) Butylbenzylphthalate	13.683	149	577006	52.328	ng	97
81) Benzo(a)anthracene	14.272	228	976473	44.993	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	103929	15.035	ng	98
83) Chrysene	14.307	228	901614	44.366	ng	100
84) Bis(2-ethylhexyl)phtha...	14.236	149	770839	51.719	ng	100
85) Di-n-octyl phthalate	14.871	149	1289777	53.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.518	276	1354537	52.569	ng	98
88) Benzo(b)fluoranthene	15.389	252	1124087	45.603	ng	99
89) Benzo(k)fluoranthene	15.424	252	1000370	42.517	ng	99
90) Benzo(a)pyrene	15.801	252	974996	42.477	ng	98
91) Dibenzo(a,h)anthracene	17.542	278	1105146	53.346	ng	99
92) Benzo(g,h,i)perylene	18.030	276	1100902	51.439	ng	97

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

