

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136141.D
 Acq On : 04 Nov 2023 11:33
 Operator : CG\JU
 Sample : PB156895BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156895BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 00:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	104325	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	421150	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	221528	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	410883	20.000	ng	0.00
76) Chrysene-d12	14.009	240	207622	20.000	ng	0.00
86) Perylene-d12	15.492	264	201993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	779005	117.339	ng	0.01
7) Phenol-d6	6.457	99	964972	116.659	ng	0.00
23) Nitrobenzene-d5	7.386	82	583504	83.522	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	303562	128.381	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1101103	79.235	ng	0.00
79) Terphenyl-d14	12.951	244	1254526	93.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	93561	32.364	ng	99
3) Pyridine	3.410	79	227968	28.890	ng	98
4) n-Nitrosodimethylamine	3.375	42	131607	39.891	ng	92
6) Aniline	6.481	93	299326	27.950	ng	98
8) 2-Chlorophenol	6.604	128	304731	42.933	ng	99
9) Benzaldehyde	6.369	77	34989	7.586	ng	98
10) Phenol	6.475	94	363939	42.538	ng	80
11) bis(2-Chloroethyl)ether	6.557	93	277944	41.498	ng	97
12) 1,3-Dichlorobenzene	6.757	146	314420m	42.562	ng	
13) 1,4-Dichlorobenzene	6.839	146	316514	42.753	ng	98
14) 1,2-Dichlorobenzene	6.986	146	307608	44.436	ng	97
15) Benzyl Alcohol	6.963	79	250506	42.711	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	370174	40.153	ng	99
17) 2-Methylphenol	7.075	107	235869	39.172	ng	96
18) Hexachloroethane	7.328	117	115881	44.534	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	194279	41.106	ng	98
20) 3+4-Methylphenols	7.228	107	290769	39.601	ng	96
22) Acetophenone	7.233	105	400208	42.855	ng	96
24) Nitrobenzene	7.404	77	298678	42.265	ng	96
25) Isophorone	7.639	82	548839	41.612	ng	98
26) 2-Nitrophenol	7.716	139	155002	48.074	ng	90
27) 2,4-Dimethylphenol	7.757	122	245591	40.309	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	332454	41.139	ng	99
29) 2,4-Dichlorophenol	7.957	162	247670	43.120	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	271151	43.275	ng	99
31) Naphthalene	8.122	128	847973	41.754	ng	99
32) Benzoic acid	7.880	122	191997	40.260	ng	93
33) 4-Chloroaniline	8.169	127	188656	21.212	ng	99
34) Hexachlorobutadiene	8.239	225	160245	44.595	ng	99
35) Caprolactam	8.545	113	81357m	43.562	ng	
36) 4-Chloro-3-methylphenol	8.657	107	270767	44.903	ng	98
37) 2-Methylnaphthalene	8.816	142	550576	40.432	ng	99
38) 1-Methylnaphthalene	8.916	142	526476	41.545	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	259183	41.024	ng	99
41) Hexachlorocyclopentadiene	8.969	237	287478	85.172	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	178492	43.331	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	194413	40.743	ng	97
46) 1,1'-Biphenyl	9.280	154	697283	41.290	ng	99
47) 2-Chloronaphthalene	9.304	162	531052	42.657	ng	97
48) 2-Nitroaniline	9.404	65	168367	45.698	ng	99
49) Acenaphthylene	9.722	152	833463	42.915	ng	99
50) Dimethylphthalate	9.586	163	634542	43.425	ng	100
51) 2,6-Dinitrotoluene	9.645	165	146620	46.914	ng	91
52) Acenaphthene	9.898	154	514266	41.653	ng	100
53) 3-Nitroaniline	9.816	138	121824	33.407	ng	94
54) 2,4-Dinitrophenol	9.922	184	150755	88.105	ng	# 85
55) Dibenzofuran	10.069	168	749623	41.639	ng	96
56) 4-Nitrophenol	9.980	139	235799	86.445	ng	82
57) 2,4-Dinitrotoluene	10.051	165	190582	48.197	ng	98
58) Fluorene	10.410	166	580072	43.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	167756	44.220	ng	97
60) Diethylphthalate	10.292	149	654543	46.881	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	283955	42.202	ng	92
62) 4-Nitroaniline	10.433	138	142784	40.663	ng	95
63) Azobenzene	10.569	77	565152	42.031	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	100967	45.118	ng	78
66) n-Nitrosodiphenylamine	10.527	169	523511	42.236	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	185746	43.118	ng	93
68) Hexachlorobenzene	10.957	284	213638	46.435	ng	# 92
69) Atrazine	11.057	200	170962	50.695	ng	98
70) Pentachlorophenol	11.157	266	214758	72.682	ng	96
71) Phenanthrene	11.380	178	905365	43.763	ng	98
72) Anthracene	11.427	178	903078	42.600	ng	100
73) Carbazole	11.586	167	792046	42.995	ng	99
74) Di-n-butylphthalate	11.927	149	918424	43.631	ng	100
75) Fluoranthene	12.574	202	897591	42.234	ng	96
77) Benzidine	12.698	184	137568	33.995	ng	97
78) Pyrene	12.804	202	884111	48.299	ng	99
80) Butylbenzylphthalate	13.433	149	296601	45.266	ng	98
81) Benzo(a)anthracene	13.998	228	592920	43.137	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	159052	36.255	ng	99
83) Chrysene	14.033	228	564137	41.675	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	322886	42.297	ng	# 97
85) Di-n-octyl phthalate	14.621	149	466762	40.815	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	695057	52.650	ng	98
88) Benzo(b)fluoranthene	15.057	252	557488	46.643	ng	100
89) Benzo(k)fluoranthene	15.086	252	490254	41.455	ng	99
90) Benzo(a)pyrene	15.433	252	487129	43.864	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	574132	53.093	ng	97
92) Benzo(g,h,i)perylene	17.474	276	580222	47.181	ng	96

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

