

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131728.D
 Acq On : 20 Dec 2022 23:17
 Operator : CG\JU
 Sample : N6071-11MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 04:49:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80980	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	293596	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	169086	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	320620	20.000	ng	0.00
76) Chrysene-d12	14.062	240	155649	20.000	ng	0.00
86) Perylene-d12	15.557	264	169202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	609730	126.786	ng	0.01
7) Phenol-d6	6.504	99	798805	123.407	ng	0.00
23) Nitrobenzene-d5	7.439	82	537434	74.312	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	221899	119.899	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	835419	69.212	ng	0.00
79) Terphenyl-d14	13.004	244	830126	83.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	104132	46.336	ng	99
3) Pyridine	3.422	79	281649	43.952	ng	98
4) n-Nitrosodimethylamine	3.393	42	139580	48.144	ng	99
6) Aniline	6.528	93	382361	47.848	ng	97
8) 2-Chlorophenol	6.651	128	257531	49.858	ng	96
9) Benzaldehyde	6.416	77	216428	59.456	ng	99
10) Phenol	6.516	94	372024	48.138	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	272268	49.231	ng	97
12) 1,3-Dichlorobenzene	6.804	146	280105	47.973	ng	98
13) 1,4-Dichlorobenzene	6.881	146	284376	47.647	ng	96
14) 1,2-Dichlorobenzene	7.034	146	270375	48.384	ng	100
15) Benzyl Alcohol	7.010	79	283931	49.111	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	345183	48.949	ng	99
17) 2-Methylphenol	7.128	107	235628	48.322	ng	99
18) Hexachloroethane	7.381	117	114248	48.289	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	220956	47.331	ng	99
20) 3+4-Methylphenols	7.281	107	292284	46.573	ng	95
22) Acetophenone	7.281	105	417151	48.688	ng	# 92
24) Nitrobenzene	7.457	77	341469	46.444	ng	98
25) Isophorone	7.698	82	616122	50.165	ng	99
26) 2-Nitrophenol	7.775	139	137853	47.976	ng	98
27) 2,4-Dimethylphenol	7.810	122	230817	56.400	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	346767	53.168	ng	99
29) 2,4-Dichlorophenol	8.016	162	235058	47.577	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	273981	47.172	ng	99
31) Naphthalene	8.181	128	735779	45.888	ng	100
32) Benzoic acid	7.945	122	134780	41.143	ng	97
33) 4-Chloroaniline	8.233	127	228724	36.577	ng	97
34) Hexachlorobutadiene	8.292	225	180651	46.229	ng	98
35) Caprolactam	8.610	113	69053m	46.353	ng	
36) 4-Chloro-3-methylphenol	8.716	107	270591	47.945	ng	99
37) 2-Methylnaphthalene	8.875	142	504225	46.101	ng	99
38) 1-Methylnaphthalene	8.975	142	471378	44.499	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	289500	50.044	ng	98
41) Hexachlorocyclopentadiene	9.022	237	326902	124.729	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	185390	49.058	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	196661	48.072	ng	97
46) 1,1'-Biphenyl	9.339	154	635948	50.002	ng	98
47) 2-Chloronaphthalene	9.363	162	508221	48.799	ng	99
48) 2-Nitroaniline	9.469	65	178953	47.673	ng	98
49) Acenaphthylene	9.786	152	760525	48.687	ng	100
50) Dimethylphthalate	9.645	163	610869	48.014	ng	100
51) 2,6-Dinitrotoluene	9.710	165	133025	48.625	ng	99
52) Acenaphthene	9.957	154	456451	47.701	ng	99
53) 3-Nitroaniline	9.880	138	101785	36.362	ng	98
54) 2,4-Dinitrophenol	9.986	184	116996	71.373	ng	98
55) Dibenzofuran	10.127	168	696320	47.454	ng	99
56) 4-Nitrophenol	10.051	139	174062	86.880	ng	92
57) 2,4-Dinitrotoluene	10.116	165	175336	47.696	ng	99
58) Fluorene	10.474	166	556662	46.922	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	158487	46.405	ng	# 87
60) Diethylphthalate	10.345	149	581817	47.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	304816	48.342	ng	99
62) 4-Nitroaniline	10.504	138	121953	43.288	ng	99
63) Azobenzene	10.627	77	690124	51.263	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	90482	41.105	ng	98
66) n-Nitrosodiphenylamine	10.586	169	474460	47.719	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	183059	48.342	ng	98
68) Hexachlorobenzene	11.016	284	198255	47.603	ng	99
69) Atrazine	11.116	200	177883	53.671	ng	98
70) Pentachlorophenol	11.216	266	197299	89.258	ng	96
71) Phenanthrene	11.439	178	805999	46.102	ng	99
72) Anthracene	11.492	178	808327	47.220	ng	99
73) Carbazole	11.651	167	658916	44.491	ng	100
74) Di-n-butylphthalate	11.974	149	865820	46.950	ng	100
75) Fluoranthene	12.633	202	810617	41.632	ng	99
77) Benzidine	12.757	184	303485	106.333	ng	100
78) Pyrene	12.863	202	804578	56.855	ng	100
80) Butylbenzylphthalate	13.480	149	276976	55.493	ng	97
81) Benzo(a)anthracene	14.057	228	545065	48.623	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	135051	43.151	ng	98
83) Chrysene	14.092	228	504774	47.708	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	340046	57.135	ng	99
85) Di-n-octyl phthalate	14.657	149	495525	59.645	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	629505	55.390	ng	99
88) Benzo(b)fluoranthene	15.121	252	522778	43.671	ng	99
89) Benzo(k)fluoranthene	15.151	252	498406	42.668	ng	99
90) Benzo(a)pyrene	15.498	252	467054	49.256	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	528730	56.295	ng	100
92) Benzo(g,h,i)perylene	17.533	276	509594	54.895	ng	98

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

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