

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131724.D
 Acq On : 20 Dec 2022 21:11
 Operator : CG\JU
 Sample : N6097-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD

Quant Time: Dec 21 04:48:19 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85224	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	316733	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183995	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	358391	20.000	ng	0.00
76) Chrysene-d12	14.062	240	170061	20.000	ng	0.00
86) Perylene-d12	15.556	264	175449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	684532	135.252	ng	0.02
7) Phenol-d6	6.504	99	859549	126.179	ng	0.00
23) Nitrobenzene-d5	7.439	82	674858	86.498	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	298369	148.155	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1165219	88.713	ng	0.00
79) Terphenyl-d14	13.004	244	1305660	119.657	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.781	88	97196	41.096	ng	Qvalue # 84
3) Pyridine	3.498	79	235738	34.955	ng	98
4) n-Nitrosodimethylamine	3.446	42	133245	43.670	ng	96
6) Aniline	6.528	93	190903	22.700	ng	# 82
8) 2-Chlorophenol	6.651	128	248208	45.660	ng	98
9) Benzaldehyde	6.422	77	124273	30.103	ng	99
10) Phenol	6.516	94	316794	38.950	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	274406	47.147	ng	98
12) 1,3-Dichlorobenzene	6.804	146	246521	40.118	ng	98
13) 1,4-Dichlorobenzene	6.886	146	252873	40.259	ng	100
14) 1,2-Dichlorobenzene	7.039	146	245543	41.752	ng	97
15) Benzyl Alcohol	7.016	79	279655	45.962	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	333282	44.908	ng	97
17) 2-Methylphenol	7.128	107	220901	43.045	ng	97
18) Hexachloroethane	7.381	117	98776	39.671	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	221046	44.992	ng	98
20) 3+4-Methylphenols	7.281	107	281737	42.656	ng	93
22) Acetophenone	7.281	105	406600	43.990	ng	# 93
24) Nitrobenzene	7.457	77	338933	42.732	ng	97
25) Isophorone	7.698	82	617447	46.600	ng	99
26) 2-Nitrophenol	7.775	139	137573	44.381	ng	95
27) 2,4-Dimethylphenol	7.810	122	226122	51.217	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	342019	48.609	ng	99
29) 2,4-Dichlorophenol	8.016	162	235402	44.166	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	264344	42.188	ng	99
31) Naphthalene	8.180	128	720817	41.671	ng	99
32) Benzoic acid	7.922	122	81373m	23.025	ng	
33) 4-Chloroaniline	8.228	127	78962	11.705	ng	98
34) Hexachlorobutadiene	8.292	225	167643	39.767	ng	98
35) Caprolactam	8.610	113	60462m	37.621	ng	
36) 4-Chloro-3-methylphenol	8.722	107	273209	44.873	ng	96
37) 2-Methylnaphthalene	8.875	142	498438	42.243	ng	100
38) 1-Methylnaphthalene	8.975	142	465251	40.712	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	287904	45.735	ng	99
41) Hexachlorocyclopentadiene	9.022	237	280685	98.417	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	185058	45.003	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131724.D
 Acq On : 20 Dec 2022 21:11
 Operator : CG\JU
 Sample : N6097-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:48:19 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)
44) 2,4,5-Trichlorophenol	9.198	196	201095	45.173	ng	94
46) 1,1'-Biphenyl	9.339	154	650130	46.975	ng	100
47) 2-Chloronaphthalene	9.369	162	512064	45.184	ng	99
48) 2-Nitroaniline	9.469	65	183963	45.037	ng	99
49) Acenaphthylene	9.786	152	774307	45.553	ng	99
50) Dimethylphthalate	9.645	163	643123	46.453	ng	99
51) 2,6-Dinitrotoluene	9.710	165	142296	47.799	ng	99
52) Acenaphthene	9.957	154	468050	44.949	ng	99
53) 3-Nitroaniline	9.880	138	76643	25.162	ng	92
54) 2,4-Dinitrophenol	9.986	184	82520	46.262	ng	100
55) Dibenzofuran	10.127	168	721562	45.190	ng	99
56) 4-Nitrophenol	10.051	139	170060	78.005	ng	92
57) 2,4-Dinitrotoluene	10.116	165	186784	46.693	ng	98
58) Fluorene	10.474	166	574303	44.486	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	169199	45.527	ng	# 87
60) Diethylphthalate	10.345	149	616416	46.207	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	317943	46.338	ng	99
62) 4-Nitroaniline	10.504	138	122009	39.799	ng	97
63) Azobenzene	10.627	77	666223	45.478	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	74399	30.236	ng	98
66) n-Nitrosodiphenylamine	10.586	169	497444	44.758	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	193582	45.733	ng	96
68) Hexachlorobenzene	11.016	284	208799	44.851	ng	100
69) Atrazine	11.116	200	186924	50.455	ng	100
70) Pentachlorophenol	11.216	266	205132	83.021	ng	97
71) Phenanthrene	11.439	178	840281	42.997	ng	100
72) Anthracene	11.492	178	855268	44.697	ng	99
73) Carbazole	11.651	167	700722	42.327	ng	100
74) Di-n-butylphthalate	11.974	149	913644	44.322	ng	100
75) Fluoranthene	12.633	202	871437	40.039	ng	98
77) Benzidine	12.751	184	120667	38.696	ng	100
78) Pyrene	12.863	202	851490	55.071	ng	100
80) Butylbenzylphthalate	13.480	149	298903	54.811	ng	98
81) Benzo(a)anthracene	14.051	228	557558	45.523	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	92014	26.908	ng	99
83) Chrysene	14.092	228	530209	45.865	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	359161	55.233	ng	99
85) Di-n-octyl phthalate	14.657	149	503918	55.515	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	620519	52.655	ng	100
88) Benzo(b)fluoranthene	15.115	252	513047	41.332	ng	99
89) Benzo(k)fluoranthene	15.151	252	494383	40.817	ng	99
90) Benzo(a)pyrene	15.498	252	458677	46.650	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	515996	52.983	ng	98
92) Benzo(g,h,i)perylene	17.533	276	501173	52.065	ng	100

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

